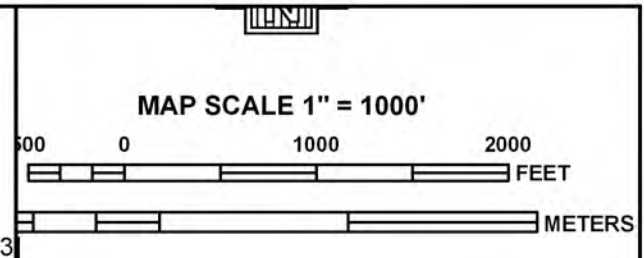
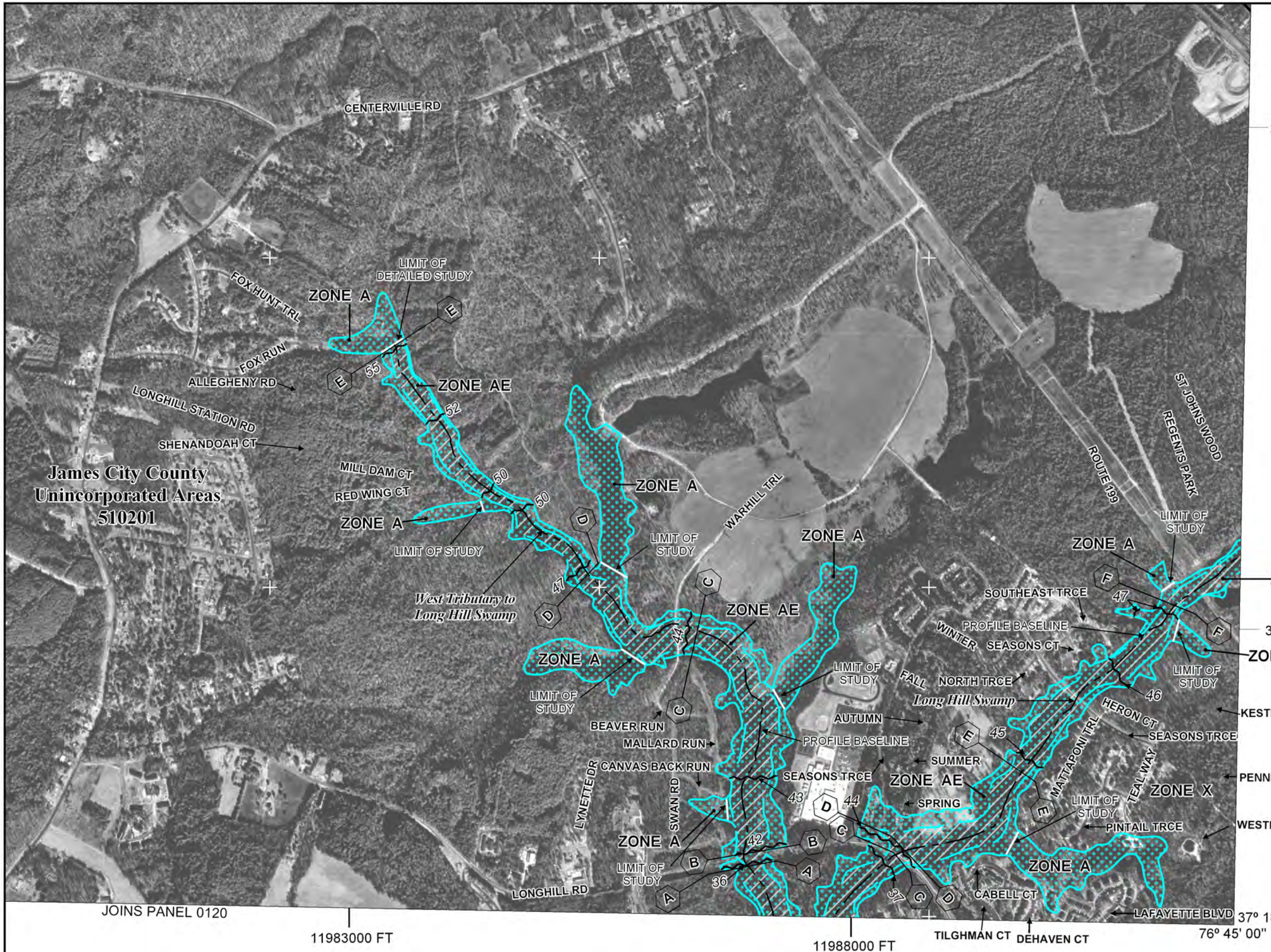


Appendix C

Environmental Screening

Federal Emergency Management Agency
(FEMA)
Flood Insurance Rate Maps (FIRMs)



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0110C


FIRM
FLOOD INSURANCE RATE MAP
JAMES CITY COUNTY, VIRGINIA
AND INCORPORATED AREAS

PANEL 110 OF 240
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
JAMES CITY COUNTY	510201	0110	C

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

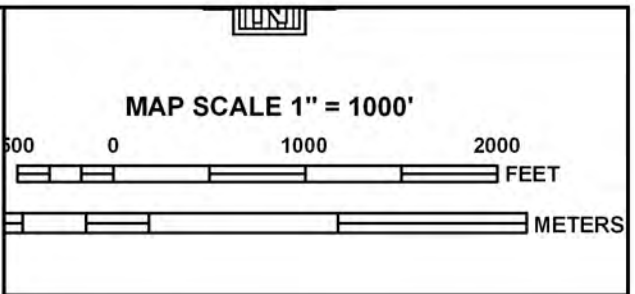
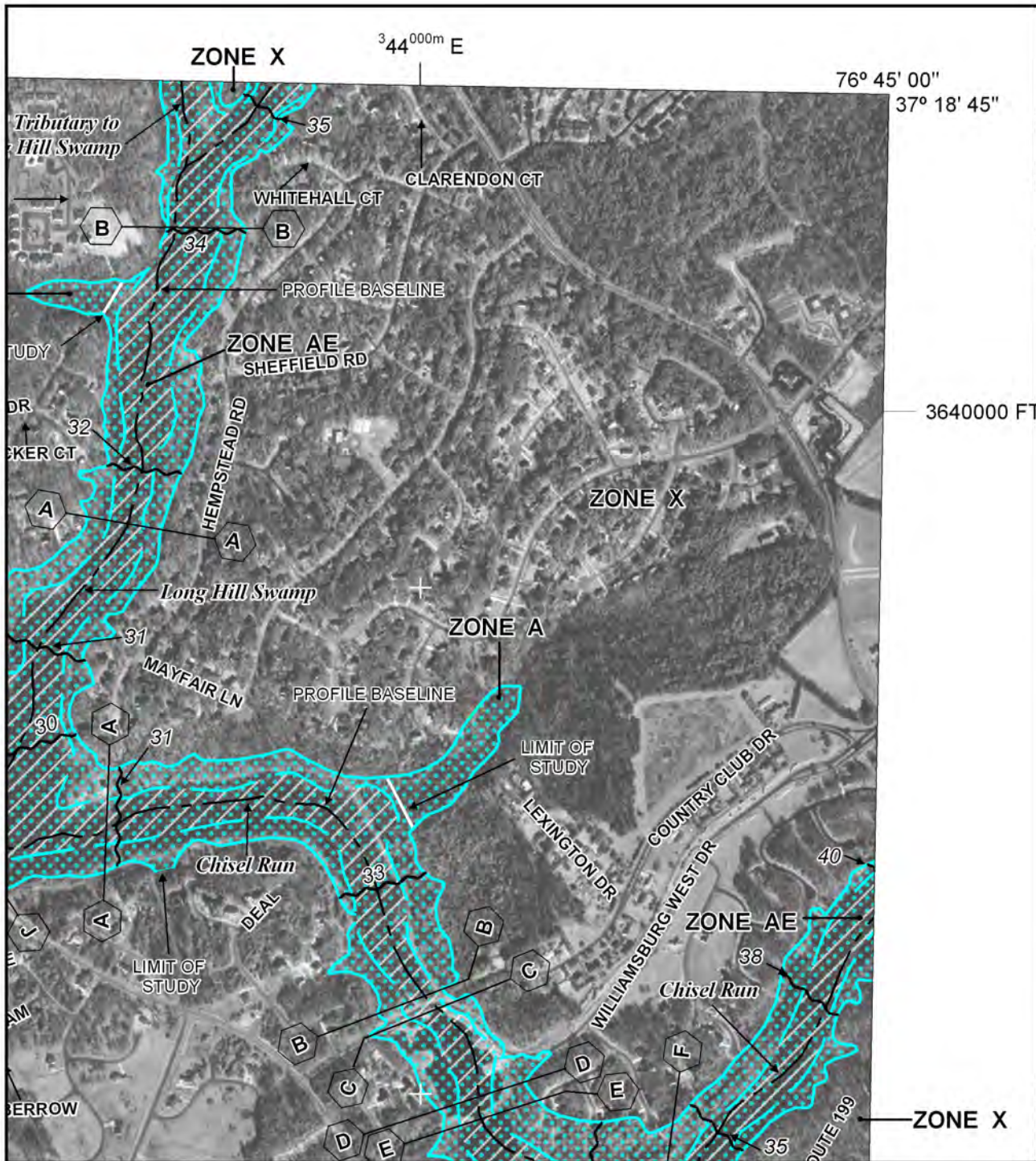


MAP NUMBER
51095C0110C

EFFECTIVE DATE
SEPTEMBER 28, 2007

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0120C

FIRM

FLOOD INSURANCE RATE MAP

JAMES CITY COUNTY, VIRGINIA

AND INCORPORATED AREAS

PANEL 120 OF 240

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
JAMES CITY COUNTY	510201	00120	C

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
51095C0120C

EFFECTIVE DATE
SEPTEMBER 28, 2007

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



(EL 987) Base Flood Elevation value where elevation in feet*
*Referenced to the North American Vertical Datum of 1988
A — A Cross section line
23 - - - - 23 Transect line
97° 07' 30", 32° 22' 30" Geographic coordinates referenced to Datum of 1983 (NAD 83). West

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0140C

FIRM

FLOOD INSURANCE RATE MAP

JAMES CITY COUNTY, VIRGINIA

AND INCORPORATED AREAS


PANEL 140 OF 240

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
JAMES CITY COUNTY	510201	0140	C
WILLIAMSBURG, CITY OF	510294	0140	C

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
51095C0140C

EFFECTIVE DATE
SEPTEMBER 28, 2007

Federal Emergency Management Agency

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Bald Eagle Protection Guidelines for Virginia



BALD EAGLE PROTECTION GUIDELINES FOR VIRGINIA



Prepared by

Virginia Field Office
U.S. Fish and Wildlife Service
6669 Short Lane
Gloucester, VA 23061
804-693-6694

Virginia Department of Game and Inland Fisheries
P.O. Box 11104
Richmond, VA 23230
804-367-1000

Last Updated: 5/8/2001

INTRODUCTION

The Virginia Department of Game and Inland Fisheries (VDGIF) and the U.S. Fish and Wildlife Service (USFWS) are responsible for the conservation and management of the bald eagle (*Haliaeetus leucocephalus*) throughout Virginia. To provide consistent management of the bald eagle in Virginia, the VDGIF and USFWS have developed the following general guidelines. These guidelines indicate the zones around eagle nests, night roosts, and shoreline use areas in which the provisions of various laws and their implementing regulations may apply. All proposed activities that may affect or result in the take of a bald eagle in Virginia will be evaluated by the VDGIF and USFWS on a case-by-case basis, using site-specific information. The recommendations given in these guidelines may be modified as necessary in individual cases, based on a number of factors such as topography, existing forest canopy, and observed reactions of eagles to disturbance at a particular site.

In Virginia, adult bald eagles typically remain on or near their breeding territories year round. Nest building and repair begins as early as November and peaks in mid-winter, but may occur during any month of the year. Courtship flights and related mating behavior are most frequently observed during January and February, and eggs are usually laid between mid-January and late March. Most eggs hatch between early March and early May and eaglets stay in the nest for 11 to 12 weeks after hatching. Most young are capable of sustained flight by mid-July, but remain dependent on the parents and stay in the general vicinity of the nest for several more weeks. Eagles are most sensitive to disturbance from mid-December to early July, the period when they

are building their nests, incubating and raising young, and while the young are learning to fly.

Virginia also has several areas along the major tidal river systems where non-breeding eagles are known to concentrate for roosting and feeding. Some of these areas are used by eagles in the summer and some are used in the winter. These eagle concentration areas are extremely important, because they are used by eagles from throughout the East Coast, as well as resident eagles.

FEDERAL LAWS PROTECTING THE BALD EAGLE

Endangered Species Act (ESA) (87 Stat. 884; 16 U.S.C. 1531 et seq.; 50 CFR Part 17) – Section 7(a)(2) requires federal agencies to ensure that any action they authorize, fund, or carry out is not likely to jeopardize the continued existence of any federally listed threatened or endangered species. If a federal agency determines that its action “may affect” a listed threatened or endangered species, the agency is required to consult with the USFWS regarding the degree of impact and measures available to avoid or minimize the adverse effects.

Section 9 of the ESA makes it illegal for any person subject to the jurisdiction of the United States to “take” any federally listed endangered or threatened species of fish or wildlife without a special exemption. “Person” is defined under the ESA to include individuals, corporations, partnerships, trusts, associations, or any other private entity; local, state, and federal agencies; or any other entity subject to the jurisdiction of the United States. Under the ESA, “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or to attempt to engage in any such conduct. Harm is further defined to include significant habitat modification or degradation that results in death or injury to listed species by significantly impairing essential behavior patterns such as breeding, feeding, or sheltering. Harass is defined as actions that create the likelihood of injury to listed species to such an extent as to significantly disrupt normal behavior patterns which include, but are not limited to, breeding, feeding, or sheltering.

Section 10(a)(1)(B) of the ESA establishes an incidental take permit provision that authorizes the USFWS, under some circumstances, to permit the taking of federally listed wildlife by private individuals if such taking is “incidental to, and not the purpose of carrying out otherwise lawful activities.”

Bald and Golden Eagle Protection Act (BGEPA) (54 Stat. 250, as amended; 16 U.S.C. 668; 50 CFR Part 22) – This 1940 Act prohibits the taking of bald and golden eagles or their nests and eggs. Under this Act, taking is defined as “to pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb.”

Migratory Bird Treaty Act (MBTA) (40 Stat. 755, as amended; 16 U.S.C. 701 et seq.; 50 CFR Parts 10, 20, 21) – This Act, passed into law in 1918, was established to protect migratory birds and prohibits the taking of any migratory bird, nest, egg, or part, except as permitted by the USFWS. The prohibitions under this law and its implementing regulations generally include activities or attempted activities that pursue, hunt, shoot, wound, kill, trap, capture, possess, or

collect any migratory bird species and their nests and eggs.

VIRGINIA LAWS AND REGULATIONS PROTECTING THE BALD EAGLE

Virginia's Endangered Species Act (§29.1-563 - §29.1-570) – This law provides that VDGIF is the state regulatory authority over federally or state listed endangered or threatened fish and wildlife in the Commonwealth, defining *fish or wildlife* as “. . . *any member of the animal kingdom, vertebrate or invertebrate, except for the class Insecta, and includes any part, products, egg, or the dead body or parts thereof.*” It prohibits the taking, transportation, processing, sale, or offer for sale within the Commonwealth of any fish or wildlife listed as a federally endangered or threatened species, except as permitted by the Board of Game and Inland Fisheries for zoological, educational, scientific, or captive propagation for preservation purposes.

The Act further authorizes the Board to adopt the federal list of endangered and threatened species, to declare by regulation that species not listed by the federal government are endangered or threatened in Virginia, and to prohibit by regulation the taking, transportation, processing, sale, or offer for sale of those species. Implementing regulations passed pursuant to this authority (4 VAC 15-20-130 through 140) further define “take” and other terms similarly to the federal Endangered Species Act.

Federal Endangered Species Act Cooperative Agreement – Federally listed endangered or threatened species also are placed under VDGIF jurisdiction via a cooperative agreement signed in 1976 with the USFWS pursuant to Section 6 of the ESA. This Cooperative Agreement recognizes VDGIF as the Virginia agency with regulatory and management authority over federally listed or threatened animals excluding insects, and provides for federal/state cooperation regarding the protection and management of those species.

State Protection of Wildlife Species – In addition to these endangered species laws, regulations, and cooperative agreement, the Code of Virginia (§29.1-521) and VDGIF regulations (4 VAC 15-30-10) provide legal protection to all native birds and to their nests, eggs, and young.

GENERAL CONSERVATION RECOMMENDATIONS

The following recommendations are *generally* appropriate to avoid take of bald eagles, and thus avoid the need for any state or federal permits or Section 7 consultation (if a federal action is involved). Activities and projects that do not conform with these recommendations will likely require some form of approval or permit from the VDGIF and/or USFWS, and should always be coordinated with these agencies to ensure compliance with state and federal laws.

Guidelines for Eagle Nests

Primary Management Zone – This is defined as the area 750 feet (229 meters) in radius around an occupied nest. The precise size of this zone should depend on site conditions and the

individual eagles' tolerance for human activity. The following activities within this zone should not occur at any time:

- land clearing, clear cutting, mining, and other habitat modification activities;
- development of residential, recreational, agricultural, commercial, or industrial structures, power lines, roads, trails, or any other construction activity;
- use of chemicals toxic to wildlife, such as pesticides and herbicides.

The following activities should not occur during the breeding/nesting season (December 15 - July 15), unless the nest is determined to be unoccupied in a particular year (VDGIF usually has this information after March 31):

- maintenance of existing buildings and roads;
- use of motorized vehicles and heavy equipment;
- aircraft flyovers within 1000 vertical feet of the ground;
- human entry and activities, including recreation, such as hiking, camping, picnicking, hunting, fishing, boating, jet skiing, etc.;
- loud noise generating activities, including blasting.

Limited selective timber harvest to within 300 feet (91 meters) of the nest tree, after consultation with the VDGIF/USFWS biologists, may be possible *outside* the breeding/nesting season, if a forest canopy is maintained.

Secondary Management Zone – This is defined as the area from 750 feet (229 meters) to 1,320 feet (400 meters) in radius around an occupied nest. The precise size of this zone should depend on site conditions and the individual eagles' tolerance for human activity. Restrictions in this zone are necessary to minimize disturbance that could compromise eagle use of the nest. Most activities within this zone should be restricted during the breeding/nesting season, and allowable activities should be determined by VDGIF/USFWS on a case-by-case basis. Development and vegetation clearing should be minimized and line-of-sight vegetation buffers to the nest should be maintained. The following activities within this zone should generally not occur at any time:

- development of multi-story buildings; high density housing (construction of single story, low density residential houses may be acceptable); large commercial, industrial, or agricultural facilities; high traffic roads; and facilities that would generate loud noise;
- use of chemicals toxic to wildlife, such as pesticides and herbicides.

The following activities should not occur during the breeding/nesting season (December 15 - July 15), unless the nest is determined to be unoccupied in a particular year (VDGIF usually has this information after March 31):

- aircraft flyovers within 1000 vertical feet of the ground;
- construction activities;
- recreational activities that generate loud noise, such as motorized boats, jet skis, etc.;
- other loud noise generating activities, including blasting.

Outside of the breeding/nesting season, most other activities can be conducted within the secondary management zone as determined on a case-by-case basis by VDGIF/USFWS.

Nest/Nest Tree Removal – The eagle nest and the tree/structure in which it is located cannot be removed as long as any portion of the nest remains in the tree/structure.

Abandoned Nest – For three consecutive nesting seasons after the last season in which the nest was occupied (and any portion of the nest is present), the primary and secondary management zone guidelines described above should be followed. In April of the third year after the nest was last occupied, a determination of nest abandonment should be made by VDGIF/USFWS before restricted activities within these zones are undertaken.

Guidelines for Eagle Concentration Areas

Management zones, for communal night roosting sites and documented high use shoreline foraging areas, should generally be treated the same as for nests. Seasonal occupation varies depending on the specific roost or shoreline area, but is generally defined as summer (May 1 - September 30) and winter (November 1 - February 28). Appropriate human use and building/land disturbance restrictions should be determined on a case-by-case basis by VDGIF/USFWS.

DEFINITIONS

Active nest – A nest that is seen to have an adult eagle in incubating or brooding position, or that contains eggs or young.

Breeding/nesting season – December 15 through July 15 in Virginia. This period includes courtship, nest building/repairs, breeding, incubation, raising young, late nesting, and fledgling use of the nest.

Fledgling – Young bird capable of flight.

Occupied nest – A nest where there is evidence that a pair of adult eagles was present during the breeding season, even if there is no evidence that eggs were laid.

Productive/successful nest – An eagle nest that fledges young.

REFERENCES

Cline, K. 1985. Bald eagles in the Chesapeake: A management guide for landowners. National Wildlife Federation, Washington, D.C.

Therres, G. D., M. A. Byrd, and D. S. Bradshaw. 1993. Effects of development on nesting bald eagles: Case studies from Chesapeake Bay. Transactions of the 58th North American Wildlife and Natural Resources Conference. Pg. 62-69.

U.S. Fish and Wildlife Service. 1987. Habitat management guidelines for the bald eagle in the southeast region. Third revision. Atlanta, GA.

Watts, B.D., K.W. Cline, and M.A. Byrd. 1994. The bald eagle in Virginia: An information booklet for land planners. Center for Conservation Biology, College of William and Mary, Williamsburg, VA.

Virginia Department of Game and Inland
Fisheries (DGIF)

Virginia Fish and Wildlife Information
Service (VAFWIS)

Site Location

37,18,59.8 -76,47,20.2
is the Search Point

Show Position Rings

☒ Yes ☐ No

1 mile and 1/4 mile at the
Search Point

Show Search Area

☒ Yes ☐ No

2 Search distance miles
radius

Search Point is at
map center

Base Map [Choices](#)

Topography

Map Overlay [Choices](#)

Current List: Position, Search,
BECAR, BAEANests,
TEWaters, TierII, Habitat,
Trout, Anadromous



Map
Click

Pan **Id** **M**

Map
Scale

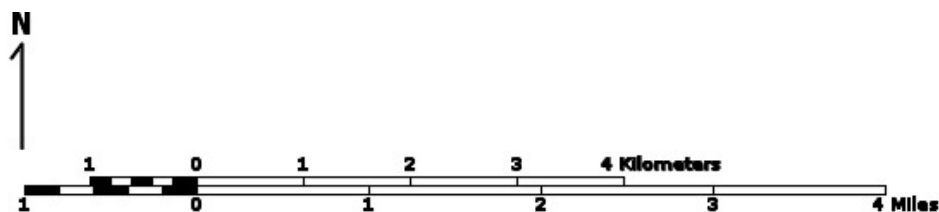
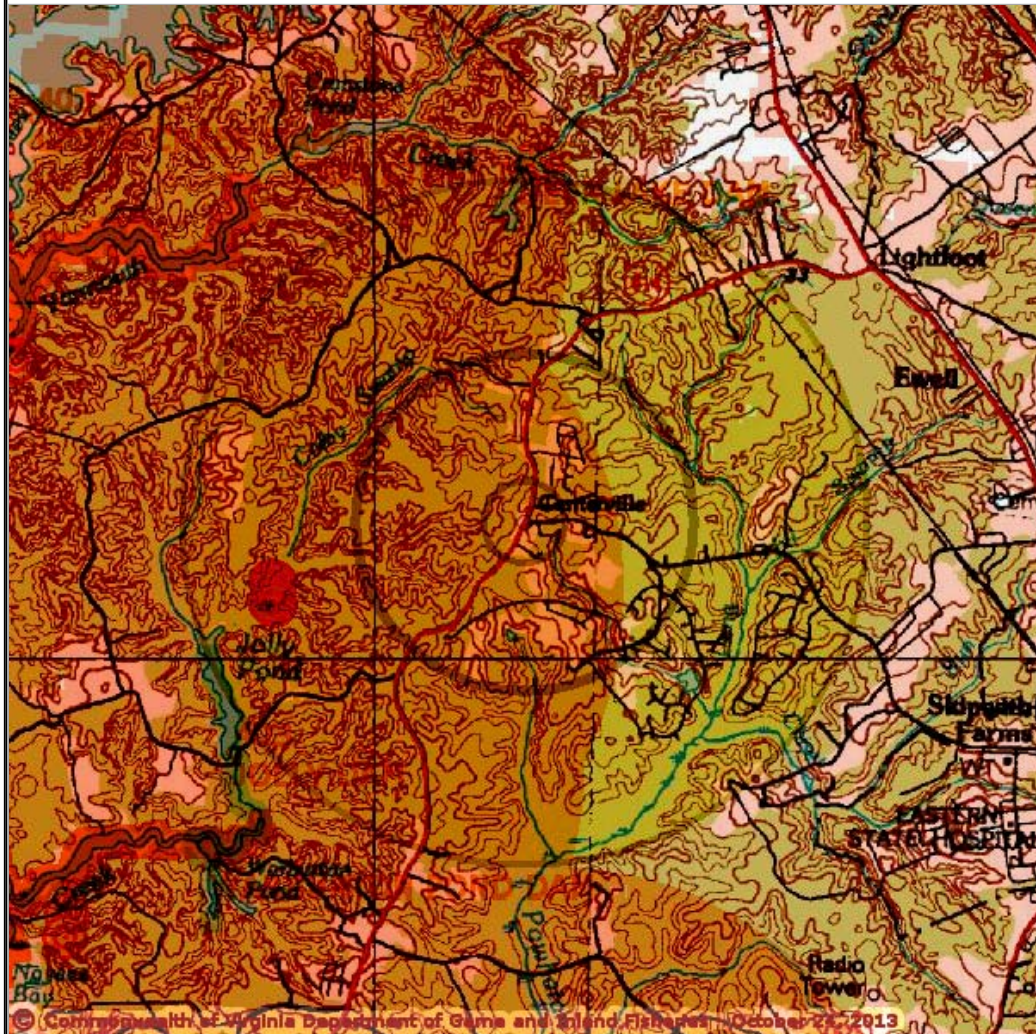
In **Zoom** **Out**

[Refresh Browser Page](#)

Screen
Size

Small **Size** **Big**

[Help](#)



Point of Search 37,18,59.8 -76,47,20.2

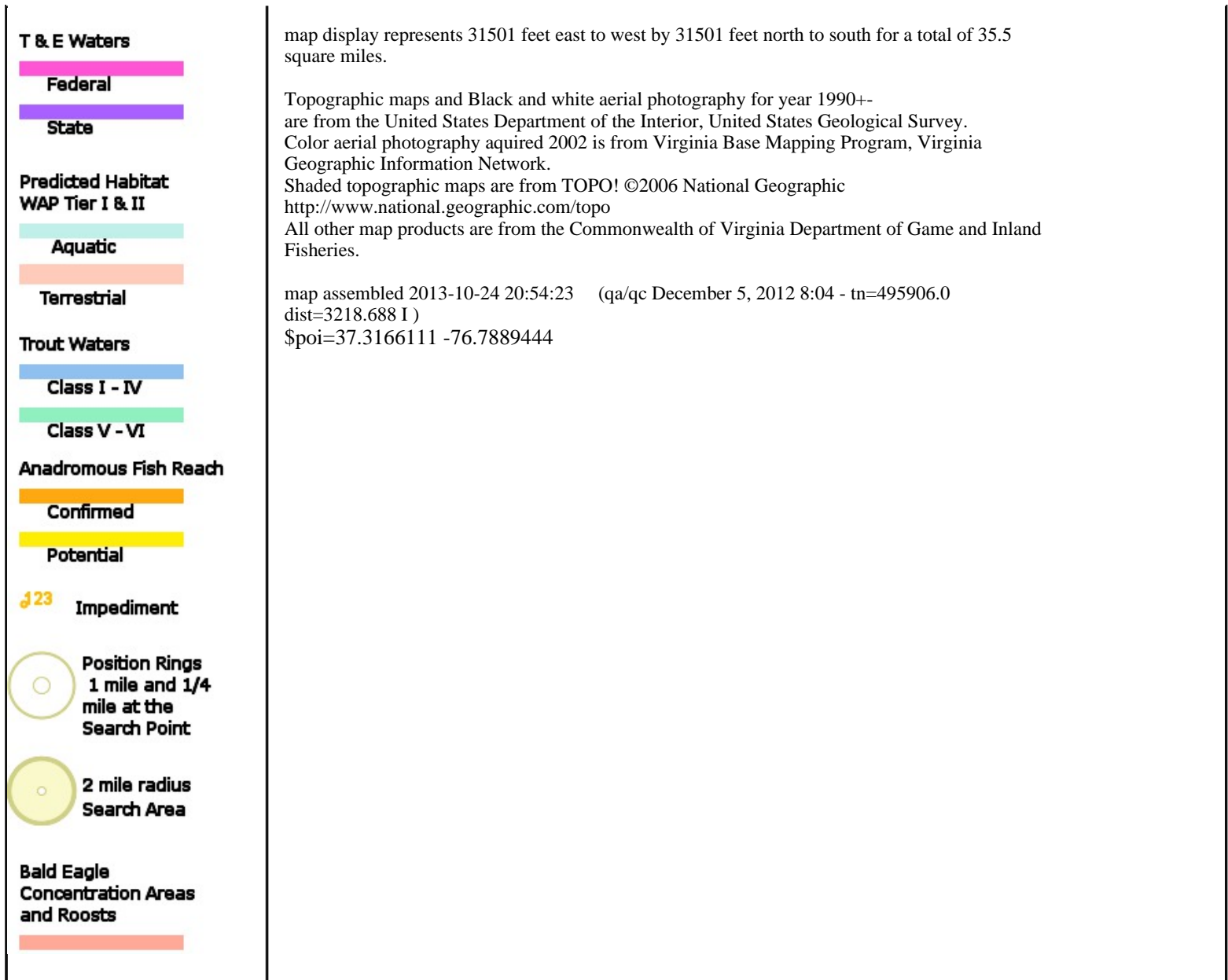
Map Location 37,18,59.8 -76,47,20.2

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude
☐ Decimal Degrees Latitude - Longitude
☐ Meters UTM NAD83 East North Zone
☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 336684 and top 4136296. Pixel size is 16 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West.Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixles. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The

Map Overlay Legend



[Friendly](#)**VaFWIS Search Report** Compiled on 10/24/2013, 5:36:16 PM[Help](#)

Known or likely to occur within a **2 mile radius around point 37,18,55.1 -76,47,14.5**
in **095 James City County, VA**

[View Map of
Site Location](#)

438 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 27) (27 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
010032	FESE	II	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA
040110	SE	I	Rail, black	Laterallus jamaicensis		BOVA
050034	SE	I	Bat, Rafinesque's eastern big-eared	Corynorhinus rafinesquii macrotis		HU6
040096	ST	I	Falcon, peregrine	Falco peregrinus		BOVA
040129	ST	I	Sandpiper, upland	Bartramia longicauda		BOVA
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus		BOVA
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Potential	BOVA,Habitat,HU6
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
010038	FC	IV	Alewife	Alosa pseudoharengus	Yes	BOVA,SppObs,HU6
040144	FC	IV	Knot, red	Calidris canutus rufus		HU6
010045	FC		Herring, blueback	Alosa aestivalis		BOVA
040093	FS	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,BBA,BAEANests,HU6
100003	FS	II	Skipper, rare	Problema bulenta		HU6
100001	FS	IV	fritillary, Diana	Speyeria diana		BOVA
030067	CC	II	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin		BOVA
030063	CC	III	Turtle, spotted	Clemmys guttata	Yes	BOVA,SppObs,HU6
010077		I	Shiner, bridle	Notropis bifrenatus	Yes	BOVA,Habitat,SppObs,HU6
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius		BOVA
040319		I	Warbler, black-throated green	Dendroica virens		BOVA
040038		II	Bittern, American	Botaurus lentiginosus		BOVA
040052		II	Duck, American black	Anas rubripes		BOVA,HU6
040029		II	Heron, little blue	Egretta caerulea caerulea		BOVA
040105		II	Rail, king	Rallus elegans		BOVA,HU6
040186		II	Tern, least	Sterna antillarum		BOVA
040187		II	Tern, royal	Sterna maxima maximus		BOVA
040320		II	Warbler, cerulean	Dendroica cerulea		BOVA,HU6
040266		II	Wren, winter	Troglodytes troglodytes		BOVA

To view **All 438 species** [View 438](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; CC=4 VAC 15-360-10 section 5 Collection Concern

Thursday, October 24, 2013 5:36:34 PM | [DGIF](#) | [Credits](#) | [Disclaimer](#) | Please view our [privacy policy](#) |

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need;
 III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

2

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: **Not Known**

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

N/A

Colonial Water Bird Survey (4 records)

[View Map of All Query Results
Colonial Water Bird Survey](#)

Colony_Name	N Obs	Latest Date	N Species			View Map
			Different Species	Highest TE *	Highest Tier **	
Powhatan Creek 2	1	May 4 2003	1			Yes
Colby Swamp	1	May 3 2003	1			Yes
Colby Swamp at Jolly Pond	1	Jun 1 1993	2			Yes
LONGHILL SWAMP	5	Jun 1 1991	1			Yes

Displayed 4 Colonial Water Bird Survey

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests (1 records)

[View Map of All Query Results
Bald Eagle Nests](#)

Nest	N Obs	Latest Date	DGIF Nest Status	View Map
JC0802	8	Apr 18 2011	RECENTLY ACTIVE	Yes

Displayed 1 Bald Eagle Nests

Species Observations (36 records - displaying first 20 , 2
Observations with Threatened or
Endangered species)

[View Map of All Query Results
Species Observations](#)

obsID	class	Date Observed	Observer	N Species			View Map
				Different Species	Highest TE [*]	Highest Tier ^{**}	
15625	SppObs	Mar 19 1973	VIMS	16	FC	I	Yes
29729	SppObs	Dec 30 1899	Mitchell, J. C.	1	SS	III	Yes
339512	SppObs	Oct 1 1996	D. GONZALES, M. FAROOQI	7		IV	Yes
340657	SppObs	Oct 1 1996	WWS DGIF D. GONZALES, M. FAROOQI	7		IV	Yes
339511	SppObs	Oct 11 1995		10		IV	Yes
340656	SppObs	Oct 11 1995	WWS DGIF	10		IV	Yes
339510	SppObs	Oct 24 1994		6		IV	Yes
340655	SppObs	Oct 24 1994	WWS DGIF	6		IV	Yes
339509	SppObs	Apr 22 1992		7		IV	Yes
340654	SppObs	Apr 22 1992	WWS DGIF	7		IV	Yes
60695	SppObs	Oct 25 1969	WILLIAMS, J W	1			Yes
28090	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
365515	SppObs	Dec 30 1899		1			Yes
365530	SppObs	Dec 30 1899		1			Yes
365557	SppObs	Dec 30 1899		1			Yes
366914	SppObs	Dec 30 1899		1			Yes
19250	SppObs	Dec 30 1899		1			Yes
27192	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
28238	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
28755	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes

Displayed 20 Species Observations

Selected 36 Observations [View all 36 Species Observations](#)
Habitat Predicted for Aquatic WAP Tier I & II Species (1 Reach)

[View Map Combined Reaches
from Below of Habitat
Predicted for WAP Tier I & II
Aquatic Species](#)

Stream Name	Tier Species					View Map
	Highest TE [*]	BOVA Code	Status [*]	Tier ^{**}	Common & Scientific Name	
(20802062)		010077		I	Shiner, bridle Notropis bifrenatus	Yes

Habitat Predicted for Terrestrial WAP Tier I & II Species

BOVA Code	Status [*]	Tier ^{**}	Common Name	Scientific Name	View Map
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Yes

Virginia Breeding Bird Atlas Blocks (5 records)

[View Map of All Query Results
Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map

		Different Species	Highest TE [*]	Highest Tier ^{**}	
56074	Norge, CE	3			Yes
56073	Norge, CW	4	FS	II	Yes
56072	Norge, NE	2			Yes
56071	Norge, NW	1			Yes
56076	Norge, SE	78		IV	Yes

Public Holdings:

N/A

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
095	James City	420	FESE	I

USGS 7.5' Quadrangles:

Norge

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
JL28	Chickahominy River-Yarmouth Creek	75	FCSE	I
JL29	Chickahominy River-Morris Creek	63	FCSE	I
JL31	Powhatan Creek	71	FCST	II

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⌵

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Site Location

37,18,49.7 -76,45,37.2
is the Search Point

Show Position Rings

☒ Yes ☐ No

1 mile and 1/4 mile at the
Search Point

Show Search Area

☒ Yes ☐ No

2 Search distance miles
radius

Search Point is at
map center

Base Map [Choices](#)

Topography

Map Overlay [Choices](#)

Current List: Position, Search,
BECAR, BAEANests,
TEWaters, TierII, Habitat,
Trout, Anadromous



Map
Click

Pan

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Map
Scale

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Zoom

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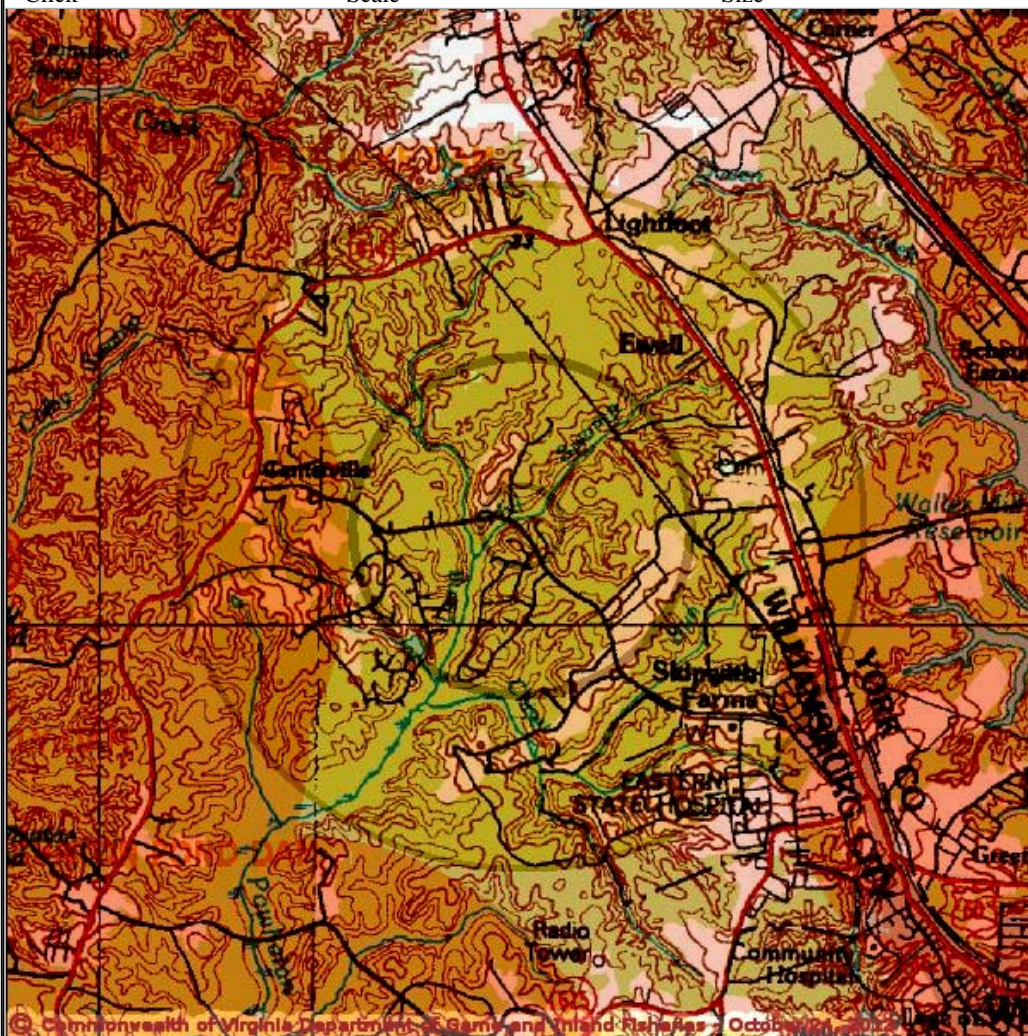
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Size

Small

Size

Big

[Help](#)



N



Point of Search 37,18,49.7 -76,45,37.2

Map Location 37,18,49.7 -76,45,37.2

Select **Coordinate System**: ☒ Degrees, Minutes, Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

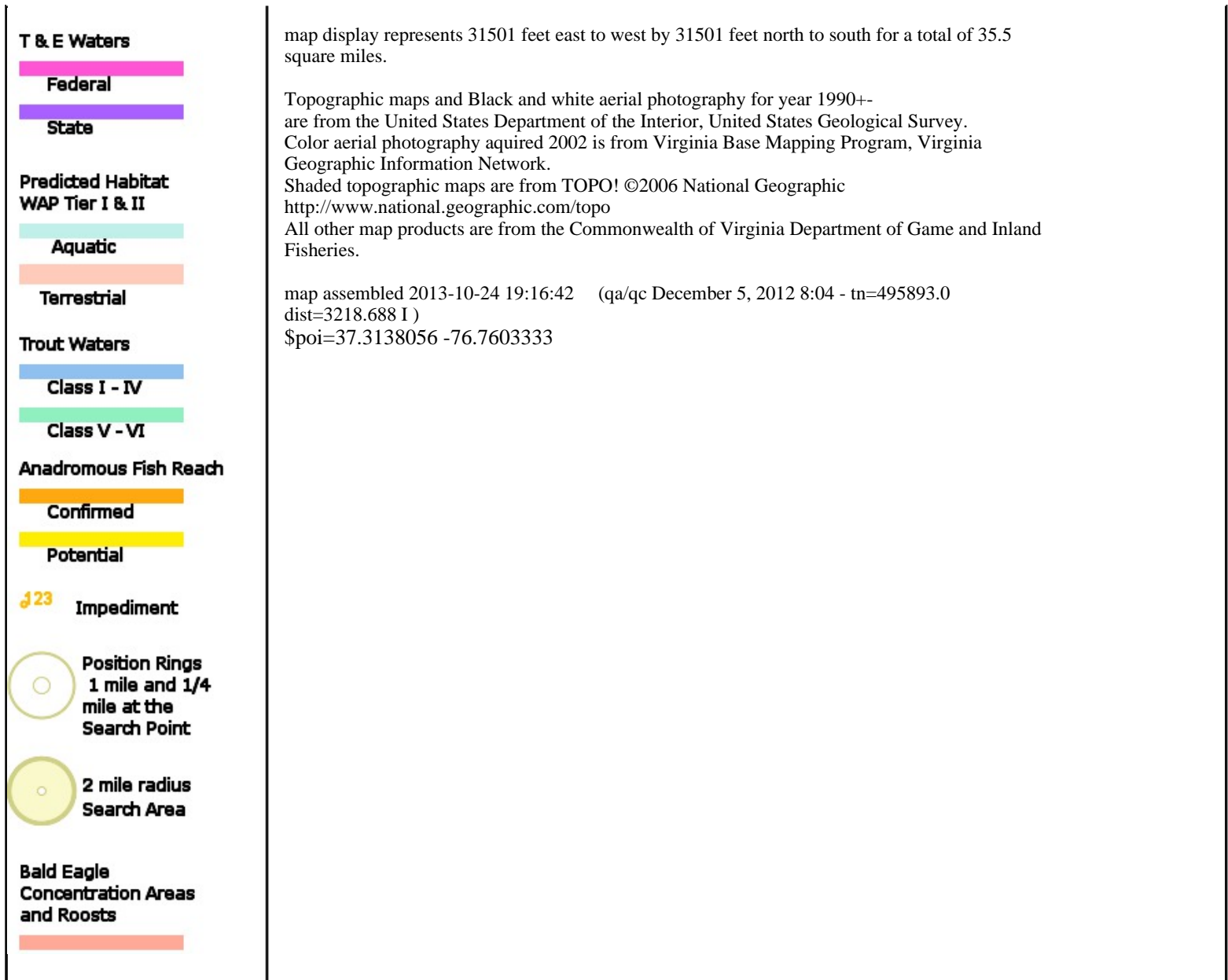
☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 339214 and top 4135938. Pixel size is 16 meters. Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The

Map Overlay Legend



VaFWIS Search ReportCompiled on 10/24/2013, 5:39:07 PM[Help](#)

Known or likely to occur within a **2 mile radius around point 37,18,50.7 -76,46,01.3**
in **095 James City County, 199 York County, 830 Williamsburg City, VA**

[View Map of
Site Location](#)

494 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 36) (36 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
010032	FESE	II	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA,HU6
030074	FESE		Turtle, Kemp's ridley sea	Lepidochelys kempii		BOVA
030071	FTST	I	Turtle, loggerhead sea	Caretta caretta		BOVA
040120	FTST	I	Plover, piping	Charadrius melodus		BOVA
040110	SE	I	Rail, black	Laterallus jamaicensis		BOVA,HU6
050034	SE	I	Bat, Rafinesque's eastern big-eared	Corynorhinus rafinesquii macrotis		HU6
020052	SE	II	Salamander, eastern tiger	Ambystoma tigrinum		BOVA
030013	SE	II	Rattlesnake, canebrake	Crotalus horridus		BOVA
040096	ST	I	Falcon, peregrine	Falco peregrinus		BOVA
040129	ST	I	Sandpiper, upland	Bartramia longicauda		BOVA
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus		BOVA
040379	ST	I	Sparrow, Henslow's	Ammodramus henslowii		HU6
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Potential	BOVA,Habitat,HU6
020002	ST	II	Treefrog, barking	Hyla gratiosa		BOVA
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
010038	FC	IV	Alewife	Alosa pseudoharengus		BOVA,HU6
040144	FC	IV	Knot, red	Calidris canutus rufus		BOVA,HU6
010045	FC		Herring, blueback	Alosa aestivalis		BOVA
040093	FS	II	Eagle, bald	Haliaeetus leucocephalus	Potential	BOVA,BBA,HU6
100003	FS	II	Skipper, rare	Problema bulenta		HU6
100001	FS	IV	fritillary, Diana	Speyeria diana		BOVA
030067	CC	II	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin		BOVA,HU6
030063	CC	III	Turtle, spotted	Clemmys guttata	Yes	BOVA,SppObs,HU6
010077		I	Shiner, bridle	Notropis bifrenatus		BOVA,HU6
040225		I	Sapsucker, yellow- bellied	Sphyrapicus varius		BOVA
040319		I	Warbler, black-throated green	Dendroica virens		BOVA
040038		II	Bittern, American	Botaurus lentiginosus		BOVA

040052		II	Duck, American black	Anas rubripes		BOVA,HU6
040029		II	Heron, little blue	Egretta caerulea caerulea		BOVA
040114		II	Oystercatcher, American	Haematopus palliatus		BOVA
040105		II	Rail, king	Rallus elegans		BOVA,HU6
040381		II	Sparrow, saltmarsh sharp-tailed	Ammodramus caudacutus		BOVA
040186		II	Tern, least	Sterna antillarum		BOVA
040187		II	Tern, royal	Sterna maxima maximus		BOVA
040320		II	Warbler, cerulean	Dendroica cerulea		BOVA,HU6
040266		II	Wren, winter	Troglodytes troglodytes		BOVA

To view **All 494 species** [View 494](#)

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; CC=4 VAC 15-360-10 section 5 Collection Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: **Not Known**

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

N/A

Colonial Water Bird Survey (2 records)

[View Map of All Query Results Colonial Water Bird Survey](#)

Colony_Name	N Obs	Latest Date	N Species			View Map
			Different Species	Highest TE*	Highest Tier**	
Chisel Run	1	Mar 20 2003	1			Yes
LONGHILL SWAMP	5	Jun 1 1991	1			Yes

Displayed 2 Colonial Water Bird Survey

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests

N/A

Species Observations (36 records - displaying first 20 , 1
Observation with Threatened or
Endangered species)

[View Map of All Query Results](#)
[Species Observations](#)

obsID	class	Date Observed	Observer	Different Species	N Species Highest TE*	Highest Tier**	View Map
29729	SppObs	Dec 30 1899	Mitchell, J. C.	1	SS	III	Yes
340657	SppObs	Oct 1 1996	WWS DGIF D. GONZALES, M. FAROOQI	7		IV	Yes
339512	SppObs	Oct 1 1996	D. GONZALES, M. FAROOQI	7		IV	Yes
339511	SppObs	Oct 11 1995		10		IV	Yes
340656	SppObs	Oct 11 1995	WWS DGIF	10		IV	Yes
340655	SppObs	Oct 24 1994	WWS DGIF	6		IV	Yes
339510	SppObs	Oct 24 1994		6		IV	Yes
339509	SppObs	Apr 22 1992		7		IV	Yes
340654	SppObs	Apr 22 1992	WWS DGIF	7		IV	Yes
605907	SppObs	Jul 10 2008	Joseph ; Mitchell Joseph; Mitchell	1			Yes
601583	SppObs	Apr 7 2008	Joseph ; Mitchell Joseph; Mitchell	1			Yes
426720	SppObs	Aug 21 2003	VCU - INSTAR	2			Yes
60695	SppObs	Oct 25 1969	WILLIAMS, J W	1			Yes

28090	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
365554	SppObs	Dec 30 1899		1			Yes
598	SppObs	Dec 30 1899	VDGIF	1			Yes
27331	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
28979	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
29589	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes
29663	SppObs	Dec 30 1899	Mitchell, J. C.	1			Yes

Displayed 20 Species Observations

Selected 36 Observations [View all 36 Species Observations](#)

Habitat Predicted for Aquatic WAP Tier I & II Species

N/A

Habitat Predicted for Terrestrial WAP Tier I & II Species

BOVA Code	Status*	Tier**	Common Name	Scientific Name	View Map
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Yes

Virginia Breeding Bird Atlas Blocks (6 records)

[View Map of All Query Results](#)
[Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
56074	Norge, CE	3			Yes
56072	Norge, NE	2			Yes
56076	Norge, SE	78		IV	Yes
57073	Williamsburg, CW	18		IV	Yes
57071	Williamsburg, NW	1	FS	II	Yes
57075	Williamsburg, SW	14		IV	Yes

Public Holdings:

N/A

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier

095	James City	420	FESE	I
199	York	431	FESE	I
830	Williamsburg City	361	FSSE	I

USGS 7.5' Quadrangles:

Norge

Williamsburg

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
JL28	Chickahominy River-Yarmouth Creek	75	FCSE	I
JL29	Chickahominy River-Morris Creek	63	FCSE	I
JL31	Powhatan Creek	71	FCST	II
YO65	York River-Skimino Creek	73	FESE	I
YO67	Queen Creek	68	FCSS	II

Compiled on 10/24/2013, 5:39:07 PM I495890.0 report=all searchType= R dist= 3218.688 poi= 37,18,50.7 -76,46,01.3

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Site Location

37,17,36.1 -76,43,34.2
is the Search Point

Show Position Rings

☒ Yes ☐ No

1 mile and 1/4 mile at the
Search Point

Show Search Area

☒ Yes ☐ No

2 Search distance miles
radius

Search Point is at
map center

Base Map [Choices](#)

Topography

Map Overlay [Choices](#)

Current List: Position, Search,
BECAR, BAEANests,
TEWaters, TierII, Habitat,
Trout, Anadromous



Map
Click

Pan **Id** **M**

Map
Scale

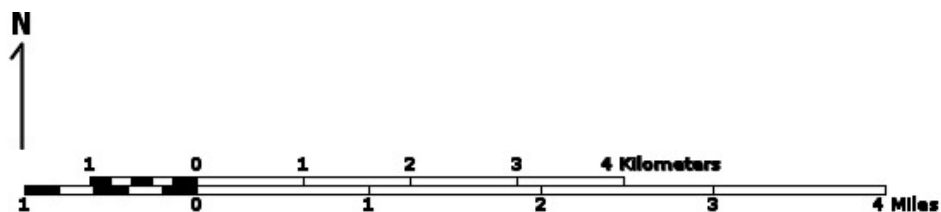
In **Zoom** **Out**

[Refresh Browser Page](#)

Screen
Size

Small **Size** **Big**

[Help](#)



Point of Search 37,17,36.1 -76,43,34.2

Map Location 37,17,36.1 -76,43,34.2

Select **Coordinate System**: ☒ Degrees, Minutes, Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

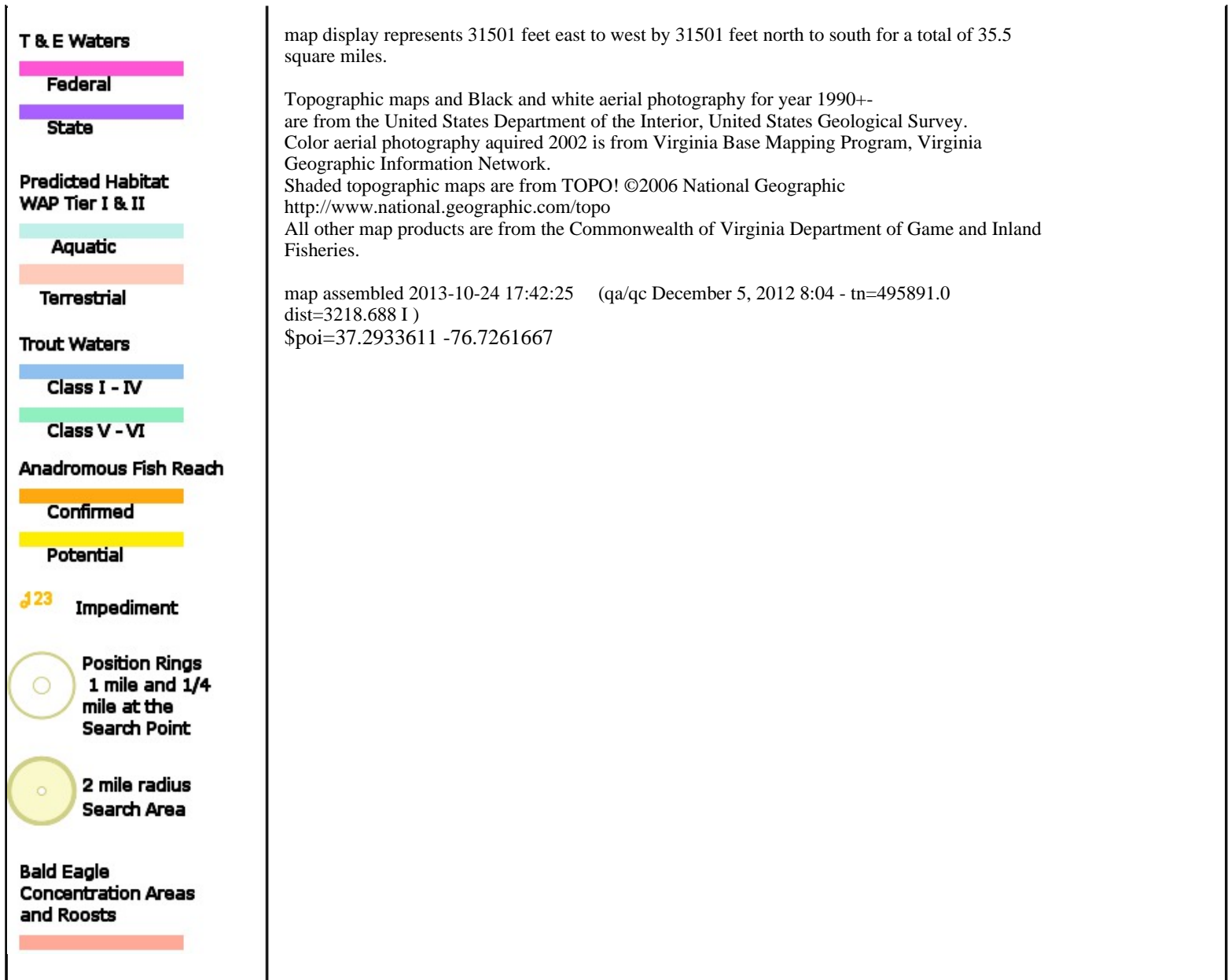
☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 342200 and top 4133613. Pixel size is 16 meters. Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The

Map Overlay Legend



VaFWIS Search ReportCompiled on 10/24/2013, 5:41:10 PM[Help](#)

Known or likely to occur within a **2 mile radius around point 37,17,36.1 -76,43,34.2**
in **095 James City County, 199 York County, 830 Williamsburg City, VA**

[View Map of
Site Location](#)

500 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 36) (36 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
010032	FESE	II	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA,HU6
030074	FESE		Turtle, Kemp's ridley sea	Lepidochelys kempii		BOVA
030071	FTST	I	Turtle, loggerhead sea	Caretta caretta		BOVA
040120	FTST	I	Plover, piping	Charadrius melodus		BOVA
040110	SE	I	Rail, black	Laterallus jamaicensis		BOVA
050034	SE	I	Bat, Rafinesque's eastern big-eared	Corynorhinus rafinesquii macrotis		HU6
020052	SE	II	Salamander, eastern tiger	Ambystoma tigrinum		BOVA
030013	SE	II	Rattlesnake, canebrake	Crotalus horridus		BOVA,HU6
040096	ST	I	Falcon, peregrine	Falco peregrinus		BOVA
040129	ST	I	Sandpiper, upland	Bartramia longicauda		BOVA
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus		BOVA
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Potential	BOVA,Habitat,HU6
020002	ST	II	Treefrog, barking	Hyla gratiosa		BOVA,HU6
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
010038	FC	IV	Alewife	Alosa pseudoharengus		BOVA,HU6
040144	FC	IV	Knot, red	Calidris canutus rufus		BOVA,HU6
010045	FC		Herring, blueback	Alosa aestivalis		BOVA
040093	FS	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,BAEANests,HU6
100003	FS	II	Skipper, rare	Problema bulenta		HU6
100001	FS	IV	fritillary, Diana	Speyeria diana		BOVA
030067	CC	II	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin	Potential	BOVA,Habitat,HU6
030063	CC	III	Turtle, spotted	Clemmys guttata		BOVA,HU6
010077		I	Shiner, bridle	Notropis bifrenatus		BOVA
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius		BOVA
040319		I	Warbler, black-throated green	Dendroica virens		BOVA
020063		II	Toad, oak	Anaxyrus quercicus		HU6

040038		II	Bittern, American	Botaurus lentiginosus		BOVA
040052		II	Duck, American black	Anas rubripes		BOVA,HU6
040029		II	Heron, little blue	Egretta caerulea caerulea		BOVA
040114		II	Oystercatcher, American	Haematopus palliatus		BOVA
040105		II	Rail, king	Rallus elegans		BOVA
040381		II	Sparrow, saltmarsh sharp-tailed	Ammodramus caudacutus		BOVA
040186		II	Tern, least	Sterna antillarum		BOVA
040187		II	Tern, royal	Sterna maxima maximus		BOVA
040320		II	Warbler, cerulean	Dendroica cerulea		BOVA,HU6
040266		II	Wren, winter	Troglodytes troglodytes		BOVA

To view **All 500 species** [View 500](#)

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed;
FC=Federal Candidate; FS=Federal Species of Concern; CC=4 VAC 15-360-10 section 5 Collection Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need;
III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: **Not Known**

Anadromous Fish Use Streams (1 records)

[View Map of All Anadromous Fish Use Streams](#)

Stream ID	Stream Name	Reach Status	Anadromous Fish Species			View Map
			Different Species	Highest TE*	Highest Tier**	
P130	Queen creek	Potential	0			Yes

Impediments to Fish Passage (2 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
404	MOTOAKA DAM	COLLEGE CREEK	Yes
658	WALLER MILL DAM	QUEENS CREEK	Yes

Colonial Water Bird Survey (2 records)

[View Map of All Query Results Colonial Water Bird Survey](#)

			N Species			View Map
Colony_Name	N Obs	Latest Date	Different Species	Highest TE*	Highest Tier**	

Lake Matoaka	1	May 4 2003	1			Yes
Chisel Run	1	Mar 20 2003	1			Yes

Displayed 2 Colonial Water Bird Survey

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests (1 records)

[View Map of All Query Results
Bald Eagle Nests](#)

Nest	N Obs	Latest Date	DGIF Nest Status	View Map
YK0703	10	Apr 19 2011	RECENTLY ACTIVE	Yes

Displayed 1 Bald Eagle Nests

Species Observations (45 records - displaying first 20)

[View Map of All Query Results
Species Observations](#)

obsID	class	Date Observed	Observer	Different Species	N Species Highest TE*	Highest Tier**	View Map
613843	SppObs	Jun 17 2011	Morgan; Niccoli	1		IV	Yes
610778	SppObs	Feb 19 2010	Daniel; Cristol Andrew; McGann	1		IV	Yes
610777	SppObs	Feb 12 2010	Daniel; Cristol Andrew; McGann	1		IV	Yes
610776	SppObs	Jan 19 2010	Daniel; Cristol Andrew; McGann	1		IV	Yes
610775	SppObs	Jan 8 2010	Daniel; Cristol Andrew; McGann	1		IV	Yes
603998	SppObs	Sep 24 2008	Ashley; Haines	13		IV	Yes
339375	SppObs	Apr 19 2000	D. FOWLER, B. MEHL	11		IV	Yes
365643	SppObs	Dec 30 1899		3		IV	Yes
610781	SppObs	Jun 26 2010	Daniel; Cristol	1			Yes
610780	SppObs	Jun 20 2010	Daniel; Cristol	1			Yes
610779	SppObs	Jun 12 2010	Daniel; Cristol	1			Yes

603173	SppObs	Aug 6 2008	Jason Hill and Mike Hutch	5			Yes
605907	SppObs	Jul 10 2008	Joseph ; Mitchell Joseph; Mitchell	1			Yes
603969	SppObs	Apr 7 2008	Joseph ; Mitchell Joseph; Mitchell	1			Yes
601583	SppObs	Apr 7 2008	Joseph ; Mitchell Joseph; Mitchell	1			Yes
426720	SppObs	Aug 21 2003	VCU - INSTAR	2			Yes
303316	SppObs	Jul 29 2003	Alex Barron	4			Yes
86580	SppObs	Sep 29 1997	Michael McCoy	1			Yes
86049	SppObs	Mar 28 1996	Edward Stephens	1			Yes
86048	SppObs	Mar 28 1996	Edward Stephens	1			Yes

Displayed 20 Species Observations

Selected 45 Observations [View all 45 Species Observations](#)

Habitat Predicted for Aquatic WAP Tier I & II Species

N/A

Habitat Predicted for Terrestrial WAP Tier I & II Species (2 Species)

[View Map of Combined Terrestrial Habitat Predicted for 2 WAP Tier I & II Species Listed Below](#)

ordered by Status Concern for Conservation

BOVA Code	Status*	Tier**	Common Name	Scientific Name	View Map
020044	ST	II	Salamander, Mabee's	Ambystoma mabeei	Yes
030067	CC	II	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin	Yes

Virginia Breeding Bird Atlas Blocks (4 records)

[View Map of All Query Results](#)
[Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
56074	Norge, CE	3			Yes
56076	Norge, SE	78		IV	Yes
57073	Williamsburg, CW	18		IV	Yes
57075	Williamsburg, SW	14		IV	Yes

Public Holdings: (1 names)

Name	Agency	Level
Colonial National Historical Park	National Park Service	Federal

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
095	James City	420	FESE	I
199	York	431	FESE	I
830	Williamsburg City	361	FSSE	I

USGS 7.5' Quadrangles:

Norge

Williamsburg

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

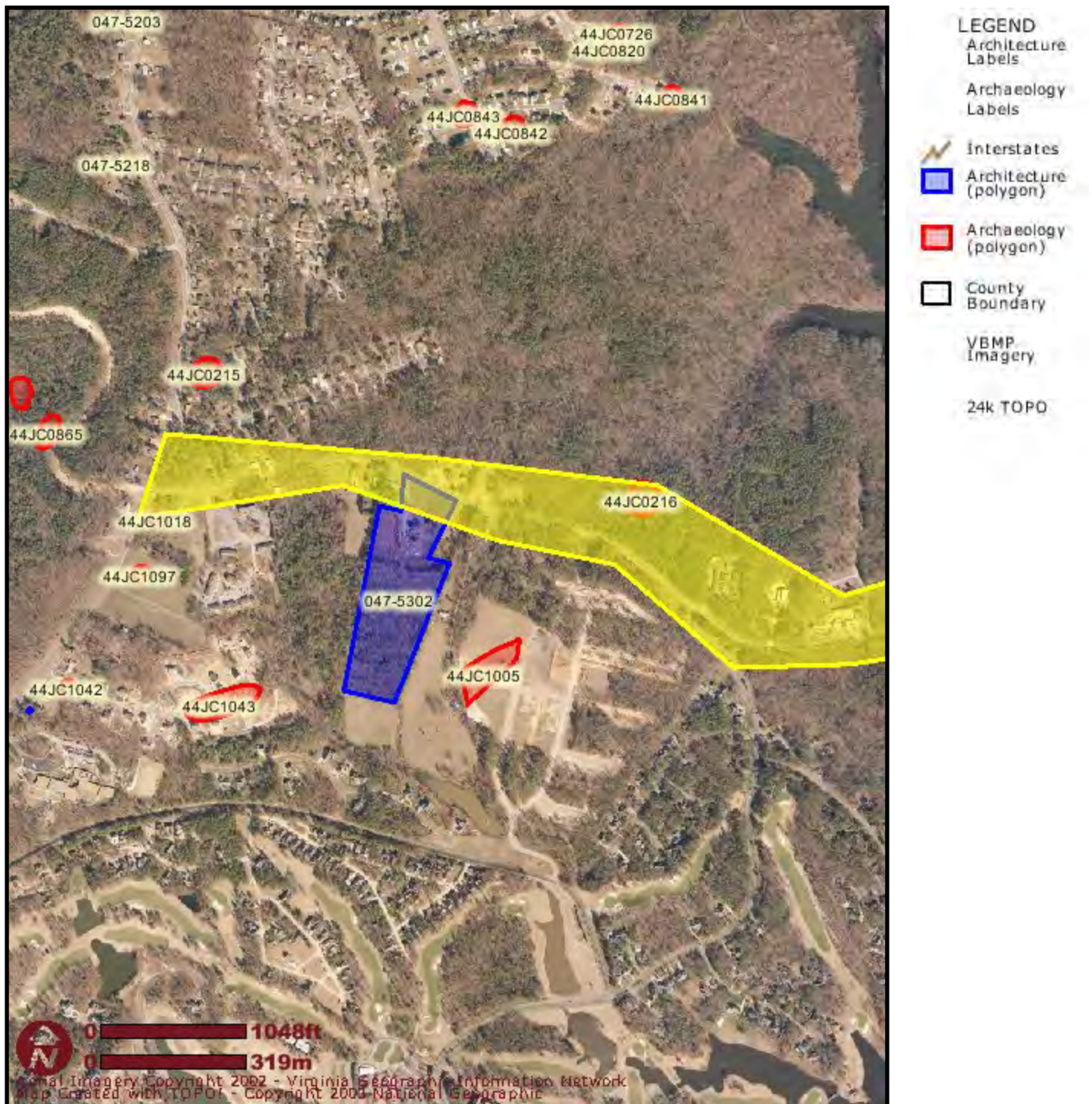
HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
JL31	Powhatan Creek	71	FCST	II
JL33	James River-Lower Chippokes Creek	82	FESE	I
JL34	College Creek	73	FCSS	II
YO67	Queen Creek	68	FCSS	II

Compiled on 10/24/2013, 5:41:11 PM I495891.0 report=all searchType= R dist= 3218.688 poi= 37,17,36.1 -76,43,34.2

PixelSize=64; Anadromous=0.043407; BBA=0.091432; BECAR=0.077511; Bats=0.029456; Buffer=0.216248; County=0.149477; HU6=0.67174; Impediments=0.032519; Init=0.291706; PublicLands=0.088195; Quad=0.123111; SppObs=1.843627; TEWaters=0.043022; TierReaches=0.064758; TierTerrestrial=0.18744; Total=3.891987; Trout=0.040974; huva=0.110909

Virginia Department of Historic Resources
(DHR)
Data Sharing System Results

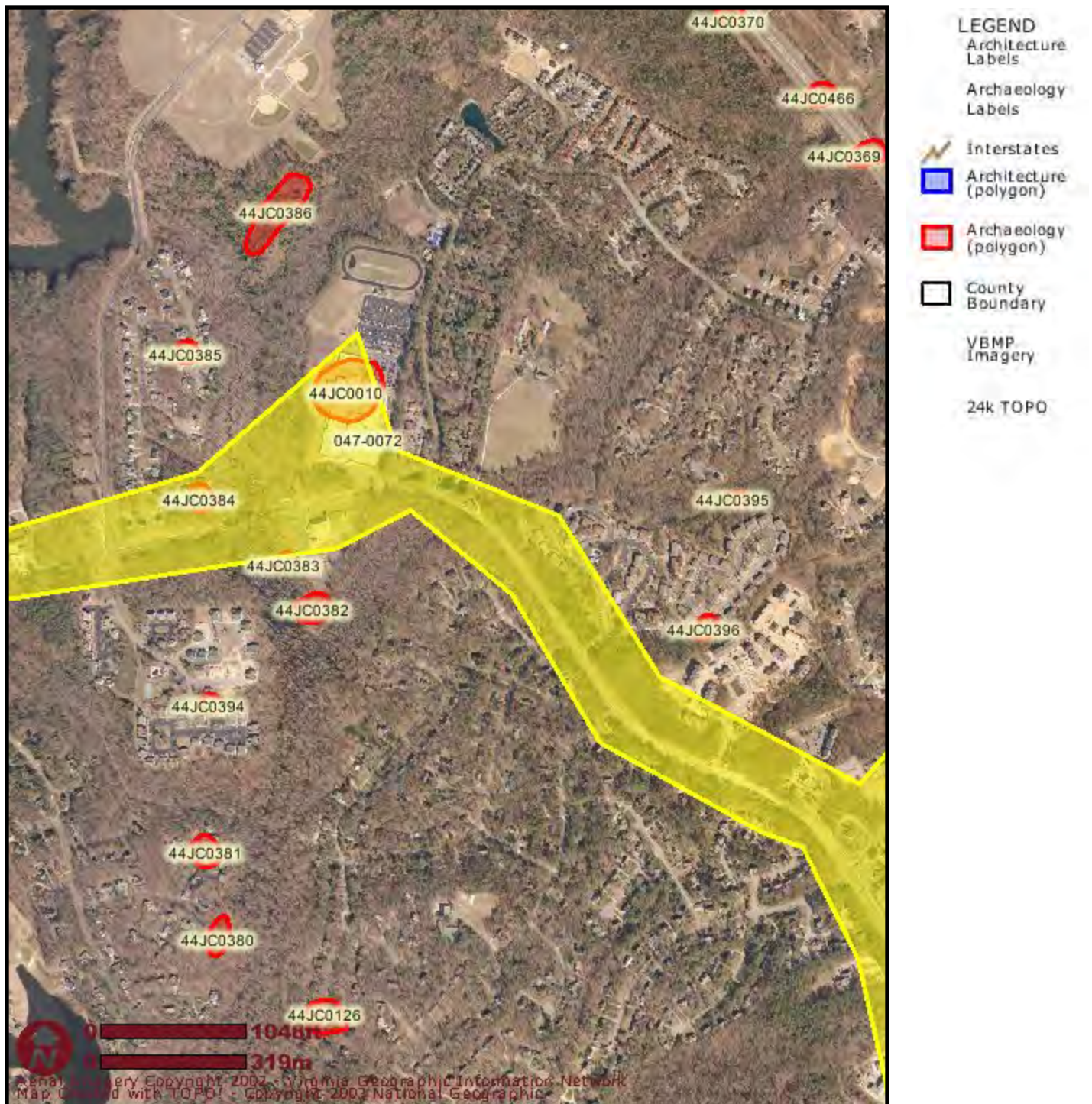
Virginia Department of Historic Resources Data Sharing System, 06/12/2013



Virginia Department of Historic Resources - June 7, 2013
4:32 pm

Longhill 1

Virginia Department of Historic Resources Data Sharing System, 06/12/2013



Virginia Department of Historic Resources - June 7, 2013
4:32 pm

Longhill map 2

Virginia Department of Historic Resources Data Sharing System, 06/12/2013



Virginia Department of Historic Resources - June 7, 2013
4:32 pm

Longhill map 3

DHR ID#: 44JC0007

CULTURAL/TEMPORAL AFFILIATION

THEMATIC CONTEXTS/SITE FUNCTIONS

LOCATION INFORMATION

SITE CONDITION/SURVEY DESCRIPTION

1

City/County: James City

Threats to Resource:

Survey Description:

Plowzone approximately 10" thick with 1
subsurface features extending nearly 1
3' into the subsoil.

CURRENT LAND USE

Land Use:

Example:

Dates of Use:

Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes **Specimens Depository:** VDHR

Assemblage Description:

colonial and prehistoric material (see reports listed below 1
for detailed information)

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?

Depository:

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes

Depository:

DHR Library Reference Number:

Reference for reports and publications:

Quarterly Bulletin ASV, V20 #4 June 1966 pp. 103-114; 1

Quarterly Bulletin ASV, V22 #2 December 1967 pp. 55-72

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?

Depository

Type of Photos

Photo Date

Yes

9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:

Survey:Phase I/Reconnaissance

Date: 1967/99/99

Organization and Person:

Organization:

First: William M.

Last: Kelso

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

survey began in 1964

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

City/County: James City

Individual Category Codes:

Honorif: First: Last:

Suffix:

Title:

Company/

Agency:

Address:

City: State: Zip:

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0010

DHR Site Number: 44JC0010 Other DHR Number:
Resource Name: Longhill Road
Temporary Designation:
Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation	Temporal Designation
Indeterminate	19th Century

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Funerary Example: Cemetery
Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): NORGE Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:	Drainage:
Aspect:	Nearest Water Source:
Elevation (in feet):	Distance to Water(in feet):
Slope:	Site Soils:
	Adjacent Soils:
Landform: other	

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions:	feet by	feet	Acreage:
Survey Strategy:	Informant		
Site Condition:	Site Totally Destroyed		

City/County: James City

Threats to Resource:

Survey Description:

I visited the site because of persistent rumors in Wmbgs. that construction crew had bulldozed an old cemetery near an old house. In May 1971, an old cemetery had indeed been found during clearing of this land. Dr. Norman Barka was consulted by School Board, and excavation of one grave was done under his direction to attempt to find identity of burials and their age. In the presumed absence of a church, it was concluded that the site was a domestic one and the burials in a family cemetery. No stones were found on site. The surface collection I made there in October was examined by Dr. Barka, and dated as from early to mid-19th century stuff. Five graves (Dr. B. estimated that 12 or more were present) were removed by Mr. Page of Bucktrout Funeral Home, to another location on the same property in Sept. Others have not been found to date. Mr. Page insisted on giving me the "hardware" from the graves he moved - casket handles, decorative metal work, glass, and "Rest in Peace" and "At Rest" plaques from caskets. He said that absolute date could be determined by consulting catalogues of funerary suppliers from 19th C. This site is probably within a mile or so of the site dug and reported by Kelso, as "Lightfoot Site." Very near the reburial spot is a deep pit, perhaps 10 feet across which the construction workers said was a mash pit. It seemed too deep to be icehouse remains.

CURRENT LAND USE

Land Use:

Example:

Dates of Use:

Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?

Yes

Specimens Depository:

Private Ownership

City/County: James City

Assemblage Description:

19th century artifacts, "hardware" from graves

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?

Depository:

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ?

Depository:

DHR Library Reference Number:

Reference for reports and publications:

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
Yes	James City-Wmbgs. School Board		9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 1971/10/11
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Organization and Person:

Organization:

First: R.

Last: Perry

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Honorif:

First:

Last:

Suffix:

Title:

Company/

Agency:

Address:

City:

State:

Zip:

Phone/Ext:

Notes:

Ownership Type:

City/County: James City

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0127

DHR Site Number: 44JC0127

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Native American

Native American

Temporal Designation

Late Archaic

Woodland

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Settlement Patterns

Example: Camp

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres): NAD //

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 246 feet by 138 feet

Acreage:

Survey Strategy: Subsurface Testing

Site Condition: Surface Deposits Present And With Subsurface Integrity

City/County: James City

Threats to Resource:

Survey Description:

(1996) Site 44JC127 was identified by Howard MacCord in 1979 during an initial reconnaissance survey for the proposed Route 199 extension (MacCord 1979) and underwent additional PHase I investigation in 1995 (Higgins et al. 1996). Site 44JC127 was subject to Phase II evaluation in December and January of 1996 (Higgins and Deitrick 1996). The additonal 1996 Phase I work consisted of shovel testing at intervals of 75 ft or less and surface collection. The 1996 Phase II study consisted of systematic, close interval shovel testing and 1m x 2m unit excavation.

(1979) Site appears to be remnant of area removed by gravel mining operations in area 60 x 60 meters to west and north.

CURRENT LAND USE

Land Use:	Example:	Dates of Use:
Comments/Remarks:		

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?	Yes	Specimens Depository:	WMCAR
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Assemblage Description:

(1996)Phase uno: three pieces of quartzite debitage and one piece of argillite debitage.

Phase dos: 73 pieces of debitage, eithgt pieces of fire-cracked rock, five lithic tools (i.e., one pitted cobble, Halifax side-notched point, two bifaces, one core), and nine ceramic sherds.

(1979) approx. 30 pieces grit tempered buff colored handmade pottery collected by H.A. MacCord.

Specimens Reported? Yes

Assemblage Description--Reported:

Field Notes Reported?	Yes	Depository:	WMCAR
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REPORTS, DEPOSITORY AND REFERENCES

Report (s) ?	Yes	Depository:	WMCAR & VDOT
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DHR Library Reference Number:

Reference for reports and publications:

- 1) "Archaeological Reconnaissance Survey Report for the Proposed Route 199 Project (MacCord, 1979); 2) "Additional Phase I Archaeological Survey for the Proposed Route 199 Project, James City County, Virginia (Higgins et al. 1996), WMCAR; 3) "Phase II Archaeolgical Evaluation of Site 44JC127 Proposed Route 199 Project, James City County, Virginia" (Higgins and Deitrick 1996), WMCAR. 4) Archaeological Data Recovery Plan for Mitigation of Effects to Sites 44JC127 and 44JC850 Associated with the Proposed Route 199 Project, James City County, Virginia. April 30, 1996, WMCAR.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
Yes	WMCAR		9999/99/99

City/County: James City

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 1995/10/99
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Organization and Person:

Organization: **First:** Thomas F. **Last:** Higgins III

Sponsor Organization:

DHR Project Review File No: 1993-0103-S

CRM Event Notes or Comments:

WMCAR

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 1979/06/15
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Organization and Person:

Organization: **First:** Lyle E. **Last:** Browning

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Other	Date: 1997/07/04
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Organization and Person:

Organization: **First:** **Last:** WMCAR

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Middle Woodland temporal designation modified to Woodland citing insufficient diagnostic examples in the survey forms.

Cultural Resource Management Event:	Survey:Phase II/Intensive	Date: 1996/01/99
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Organization and Person:

Organization: **First:** Thomas F. **Last:** Higgins III

Sponsor Organization:

DHR Project Review File No: 1993-0103-S

CRM Event Notes or Comments:

WMCAR - recommended eligible

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

City/County: James City

Honorif:

First:

Last:

Suffix:

Title:

Company/

Agency:

Address:

City:

State:

Zip:

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0216

DHR Site Number: 44JC0216

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Temporal Designation

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Other

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): NORGE

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: feet by feet

Acreage:

Survey Strategy: Historic Map Projection

Site Condition: Site Condition Unknown

City/County: James City

Threats to Resource:

Survey Description:

CURRENT LAND USE

Land Use: Example: Dates of Use:
Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Specimens Depository:

Assemblage Description:

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported? Depository:

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes Depository:

DHR Library Reference Number:

Reference for reports and publications:

Site depicted on J.F. Gilmer's 1863 and 1864 1
maps of "Vicinity of Richmond and Part of the Peninsula"

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
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CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Other	Date: 1983/08/99
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Organization and Person:

Organization: First: Martha Last: McCartney

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

City/County: James City

Individual Category Codes:

Honorif: First: Last:
Suffix:
Title:
Company/
Agency:
Address:

City: State: Zip:
Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0365

DHR Site Number: 44JC0365

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Indeterminate

Indeterminate

Temporal Designation

19th Century: 2nd half

20th Century

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp

Comments/Remarks:

Settlement patterns.

Thematic Context: Domestic

Example: Farmstead

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

City/County: James City

Site Dimensions: feet by feet Acreage:

Survey Strategy: Subsurface Testing

Site Condition: No Surface Deposits but With Subsurface Integrity

Threats to Resource:

Survey Description:

[’85] Dimensions: approx. 150’ N-S x 150’ E-W. Limited shovel testing l revealed sparse concentration of fire-cracked rock; site is projected base on l similar landforms immediately upstream and downstream from this location. [’95] Site 44JC0365 was identified by the Colonial Williamsburg Foundation l (CWF) in 1985 during a Phase I cultural resources survey of the proposed l Route 199 corridor and underwent limited Phase II evaluation by CWF in 1987. l A more intensive Phase II study of the site was undertaken by WMCAR in 1995. l The additional Phase II study consisted of systematic shovel testing at 8m l intervals, and the excavation of four 1m x 2m units placed at artifact l concentrations.

CURRENT LAND USE

Land Use:	Example:	Dates of Use:
Comments/Remarks:		

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?	Specimens Depository:
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Assemblage Description:

[’85] Fire-cracked rock.
[’95] 21 of the 153 shovel tests dug in 1995 were positive, l yielding 63 prehistoric artifacts and 28 historic artifacts. l The prehistoric artifacts from the shovel test included 56 l pieces of debitage, three ceramic sherds, two pieces of l fire-cracked rock, and one Rossville point. The historic l artifacts were mainly small pieces of brick but included four l pieces of window glass, five pieces of fence wire, and one l porcelain sherd. The 1995 test units yielded 590 prehistoric l artifacts including 565 pieces of debitage, 11 ceramic sherds, l eight pieces of fire-cracked rock, five bifaces, and one core. l Historic artifacts from the test units were limited to four l pieces of brick, one piece of coal, and a fragment of bottle l glass.
Depository: WMCAR.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?	Yes	Depository:	WMCAR
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City/County: James City

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes Depository:

DHR Library Reference Number:

Reference for reports and publications:

See Phase I report for the Route 199 Extension by the 1
Colonial Williamsburg Foundation.

Report (s) ? Yes Depository: WMCAR

DHR Library Reference Number:

Reference for reports and publications:

See the report _Phase II Archaeological Evaluation of Site 1
44JC365, Proposed Route 199 Project, James City County, 1
Virginia_ (Higgins and Deitrick 1996), WMCAR.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
Yes	WMCAR		9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1985/04/04
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Organization and Person:

Organization: First: Colonial Williamsburg Found. (CW Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Survey:Phase II/Intensive	Date:	1995/10/99
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Organization and Person:

Organization: First: WMCAR-Thomas F. Higgins III Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	DHR Staff: Potentially Eligible	Date:	1988/01/19
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Organization and Person:

Organization: First: Last:

Sponsor Organization:

DHR Project Review File No: 1042-JC

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

City/County: James City

Individual Category Codes:

Honorif: First: Last:

Suffix:

Title:

Company/

Agency:

Address:

City: State: Zip:

Phone/Ext:

Notes:

Ownership Type:

Government Agency: State (indeterminate)

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0366

DHR Site Number: 44JC0366

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Native American

Temporal Designation

Prehistoric/Unknown

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp

Comments/Remarks:

Settlement patterns.

Thematic Context: Domestic

Example: Farmstead

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
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Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: feet by feet

Acreage:

City/County: James City

Survey Strategy: Subsurface Testing

Site Condition: Unknown Portion of Site Destroyed

Threats to Resource:

Survey Description:

[85] Limited shovel testing revealed quartz core; site is projected based on 1 similar landforms immediate upstream and downstream from this location.

[95] The site was identified during a Phase I survey for the proposed Route 1 199 project in 1985, and was subject to Phase II evaluation in 1987, and 1 Phase III data recovery in 1988 (Hunter and Higgins 1985; Hunter et al. 1987; 1 Hunter et al. 1993). Additional Phase I shovel testing in 1995 identified 1 portions of the site within the revised right-of-way. Shovel tests were 1 placed at intervals of 75 feet or less.

CURRENT LAND USE

Land Use:	Example:	Dates of Use:
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Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?	Specimens Depository:
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Assemblage Description:

[85] Quartz core. See Phase I report for complete inventory.

[95] During the 1996 additional survey, five shovel tests were placed at 1 Site 44JC366 and one was positive. The positive shovel test contained one 1 possible wrought nail.

Depository: WMCAR.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?	Yes	Depository:	WMCAR
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REPORTS, DEPOSITORY AND REFERENCES

Report (s) ?	Yes	Depository:	WMCAR
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DHR Library Reference Number:

Reference for reports and publications:

_A Phase II Evaluation Study of Archaeological Resources Within the Proposed 1 Route 199 Corridor (Hunter et al, 1987).

Report (s) ?	Yes	Depository:	WMCAR
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DHR Library Reference Number:

Reference for reports and publications:

_Phase III Data Recovery of Significant Archaeological 1 Resources Within the Proposed Route 199 Corridor, JAMES 1 City County, Virginia (Hunter et al., 1993).

City/County: James City

Report (s) ? Yes Depository: WMCAR

DHR Library Reference Number:

Reference for reports and publications:

_Additional Phase I Archaeological Survey for the Proposed I
Route 199 Project, James City County, Virginia_ (Higgins I
et al., 1996), WMCAR.

Report (s) ? Yes Depository:

DHR Library Reference Number:

Reference for reports and publications:

See Phase I report for the Route 199 Extension by the I
Colonial Williamsburg Foundation.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
Yes	CWF		9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1985/04/04
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Organization and Person:

Organization: First: Colonial Williamsburg Found. (CW Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1995/10/99
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Organization and Person:

Organization: First: WMCAR-Thomas F. Higgins III Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Survey:Phase II/Intensive	Date:	1987/99/99
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Organization and Person:

Organization: First: Hunter et al. Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Archaeological Data Recovery	Date:	1993/99/99
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City/County: James City

Organization and Person:

Organization: First: Hunter et al. Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event: Other	Date: 1997/04/08
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Organization and Person:

Organization: First: WMCAR Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

WMCAR site form identifies prehistoric temporal I affiliation as Middle and Late Woodland; CWF site form I identifies prehistoric temporal affiliation as possibly I Woodland.

Cultural Resource Management Event: DHR Staff: Potentially Eligible	Date: 1988/01/19
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Organization and Person:

Organization: First: Last:

Sponsor Organization:

DHR Project Review File No: 1042-JC

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Honorif: First: Last:

Suffix:

Title:

Company/

Agency:

Address:

City: State: Zip:

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0368

DHR Site Number: 44JC0368

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Indeterminate

Indeterminate

Native American

Temporal Designation

19th Century: 4th quarter

20th Century: 1st half

Prehistoric/Unknown

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp

Comments/Remarks:

Settlement patterns.

Thematic Context: Domestic

Example: Farmstead

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

City/County: James City

Site Dimensions: feet by feet **Acreage:**

Survey Strategy: Subsurface Testing

Site Condition: Unknown Portion of Site Destroyed

Threats to Resource:

Survey Description:

[85] House site indicated by domestic l vegetation and trash accumulations on l surface. Collapsed well feature, 12' l diameter present. Limited shovel l testing revealed concentration of l domestic artifacts.

[95] Site 44JC368 was identified in l 1985 during Colonial Williamsburg's l (CWF) Phase I Archaeological survey of l Route 199 and was subject to a Phase l II evaluation study in 1987 (Hunter l and Higgins 1985:39,40; Hunter et al. l 1987:114-117). The portions of site l 44JC368 found during the additional l 1996 survey were identified by l pedestrian survey, and screened (1/4") l shovel testing within the proposed l Route 199 right-of-way. Shovel tests l were placed at 75 ft. or less.

CURRENT LAND USE

Land Use:	Example:	Dates of Use:
Comments/Remarks:		

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?	Specimens Depository:
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Assemblage Description:

[85] Coarseware, pearlware, whiteware, glass, tin, and misc. iron. See l Phase I report for complete inventory.

[95] Eleven artifacts from the 1996 survey included one piece of quartz l debitage, one bolt fragment, one piece of a nail, and eight pieces of bottle l and table glass.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?	Yes	Depository:	WMCAR
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City/County: James City

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes Depository: CWF ?

DHR Library Reference Number:

Reference for reports and publications:

See Phase I report for the Route 199 Extension by the l
Colonia Williamsburg Foundation.

Report (s) ? Yes Depository: WMCAR

DHR Library Reference Number:

Reference for reports and publications:

_A Phase II Evaluation of Archaeological Resources Within l
the Proposed Route 199 Corridor (Hunter et al., 1987).

Report (s) ? Yes Depository: WMCAR

DHR Library Reference Number:

Reference for reports and publications:

_Additional Phase I Archaeological Survey for the Proposed l
Route 199 Project, James City County, Virginia_ (Higgins l
et al, 1996), WMCAR.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
Yes	CWF		9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1995/10/99
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Organization and Person:

Organization: First: WMCAR Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Survey:Phase II/Intensive	Date:	1987/99/99
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Organization and Person:

Organization: First: Hunter et al. Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1985/03/19
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City/County: James City

Organization and Person:

Organization: **First:** Colonial Williamsburg Found. (CW) **Last:**

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Honorif: **First:** **Last:**

Suffix:

Title:

Company/

Agency:

Address:

City: **State:** **Zip:**

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0383

DHR Site Number: 44JC0383

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Native American

Temporal Designation

Woodland

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp, temporary

Comments/Remarks:

Limited activity site

LOCATION INFORMATION

USGS Quadrangle(s): NORGE

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
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Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 50 feet by 50 feet

Acreage:

Survey Strategy: Subsurface Testing

Site Condition: Site Condition Unknown

City/County: James City

Threats to Resource:

Survey Description:

Shovel testing revealed scatter of 1
prehistoric artifacts sealed by 1
colluvial deposits. Intact feature 1
may be present. No evidence of 1
plowing or other disturbance. 1

CURRENT LAND USE

Land Use:

Example:

Dates of Use:

Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?

Specimens Depository:

Assemblage Description:

Coarse sand-tempered (some crushed quartz), net-impressed 1
ceramics, shell-tempered, unidentifiable surface treatment, 1
quartzite flakes. See Phase I report for complete inventory.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?

Depository:

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes

Depository: CWF

DHR Library Reference Number:

Reference for reports and publications:

See Phase I report for the Rt. 199 extension by the 1
Colonial Williamsburg Foundation.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?

Depository

Type of Photos

Photo Date

No

9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:

Survey:Phase I/Reconnaissance

Date: 1985/03/11

City/County: James City

Organization and Person:

Organization: **First:** Colonial Williamsburg Found. (CW) **Last:**

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Honorif: **First:** **Last:**

Suffix:

Title:

Company/

Agency:

Address:

City: **State:** **Zip:**

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC0384

DHR Site Number: 44JC0384

Other DHR Number:

Resource Name:

Temporary Designation:

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Native American

Temporal Designation

Woodland

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp, temporary

Comments/Remarks:

Limited activity site

LOCATION INFORMATION

USGS Quadrangle(s): NORGE

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province:

Aspect:

Elevation (in feet):

Slope:

Landform: other

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 60 feet by 60 feet

Acreage:

Survey Strategy: Subsurface Testing

Site Condition: Site Condition Unknown

City/County: James City

Threats to Resource:

Survey Description:

Shovel testing revealed presence of 1
prehistoric ceramics. Site may have 1
fair amount of colluvium; needs 1
further testing.

CURRENT LAND USE

Land Use:

Example:

Dates of Use:

Comments/Remarks:

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained?

Specimens Depository:

Assemblage Description:

Shell tempered, smoothed or scraped exterior
See phase I report for 1
complete inventory.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported?

Depository:

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes

Depository: CWF

DHR Library Reference Number:

Reference for reports and publications:

See Phase I report for the Rt. 199 extension by the 1
Colonial Williamsburg Foundation.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?

Depository

Type of Photos

Photo Date

Yes

9999/99/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:

Survey:Phase I/Reconnaissance

Date: 1985/03/13

City/County: James City

Organization and Person:

Organization: **First:** Colonial Williamsburg Found. (CW) **Last:**

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Honorif: **First:** **Last:**

Suffix:

Title:

Company/

Agency:

Address:

City: **State:** **Zip:**

Phone/Ext:

Notes:

Ownership Type:

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC1018

DHR Site Number: 44JC1018

Other DHR Number:

Resource Name:

Temporary Designation: X-1

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

African American

African American

Temporal Designation

18th Century: 4th quarter

19th Century

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Dwelling, single

Comments/Remarks:

A house is shown in this location on the 1863 Gilmer Map. In addition, the location is shown adjacent the 19th-century Centerville free black settlement. The ethnicity is also indicated by evidence from a title search.

December 2011: Site 44JC1018 appears to represent a typical late 18th and 19th century farmstead associated first with a tavern and then adapted for reuse by the poorer free black occupants. The site consisted of a simple complex including a main dwelling, well, icehouse, and a fence line. The remnants of a possible fence were located near the northwestern edge of the cleared area, with the line probably continuing into the adjacent tract.

LOCATION INFORMATION

USGS Quadrangle(s): NORGE

Restrict UTM Data?

Center UTM Coordinates (for less than 10 acres):

NAD 18/341410/4131200/3

NAD

ZONE

EAST

NORTH

Boundary UTM Coordinates (for 10 acres or more):

NAD

ZONE

EAST

NORTH

Physiographic Province: Coastal Plain

Aspect: Facing east

Elevation (in feet): 100.00

Slope: 2-6%

Landform: urban

Drainage:

Nearest Water Source:

Distance to Water(in feet):

Site Soils:

Adjacent Soils:

James River

unnamed tributary of Powhatan Creek

900

Emporia fine sandy loam

Slagle fine sandy loam

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 200 feet by 175 feet

Acreage:

City/County: James City

Survey Strategy: Subsurface Testing
Surface Testing

Site Condition: Unknown Portion of Site Destroyed

Threats to Resource: Transportation Expansion
Development

Survey Description:

1999: The site was found by shovel-testing on 50-ft. intervals, with soils screened through 0.25-inch mesh. Phase II was conducted through eight 2.5-ft. squares, one 5-ft. square and a 2.5-by-5-ft. extension dug to one side to fully uncover a pit feature revealed in that square. The pit was tested and several other features were recorded but not excavated.

2005 JRIA Addition testing: Additional fieldwork for a Phase II significance evaluation of Site 44JC1018 was conducted through a series of small excavation squares used to sample the deposits and to confirm the presence or absence of subsurface features. Eighteen 3.00-foot square units and trenches were excavated to sterile subsoil. Soils were screened through ¼-inch wire mesh, and all artifacts were recovered.

The placement of test squares was determined by the results of the shovel testing conducted during the Phase I survey of the property, i.e., the locations of the largest numbers of artifacts, the earliest artifacts and indications of subsurface features. The James River Institute for Archaeology (JRIA) recorded another large pit or cellar feature located in the center of the second area of high artifact concentrations. After removal of topsoil in this area, the subsurface pit is approximately 10 by 12 feet in diameter with irregular shaped sides. This feature may be another clay borrow pit. Such features were generally used to obtain clay to use for daubing, especially for lining wooden chimneys, after which the open pit was typically refilled with trash.

December 2011: Circa~ conducted Phase III excavations on this site. This included excavation of 75 features.

CURRENT LAND USE

Land Use: Other **Example:** Other **Dates of Use:** 2011/12/99

Comments/Remarks:

The site was a plowed field at one time but is currently not being used. The site has now grown over in young scrub pine and is a transition between old field and forest.

December 2011: In the early 2000s, this site was situated within a fallow, overgrown agricultural field flanked by Centerville Road to the west, Longhill Road to north, and late 20th century apartment buildings to the south and east. Currently, a gas station has been constructed on the site.

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes **Specimens Depository:** Cultural Resources, Inc., Williamsburg
James River Institute for Archaeology
Circa~

Assemblage Description:

1999: Numerous fragments of handmade brick, ball clay pipe fragments, bottle glass, window glass, table glass, sherds of pearlware, whiteware, coarse and refined earthenwares, porcelain, creamware, American blue and gray stoneware, American brown stoneware, black glazed redware, Albany Slip & Bristol glazed stoneware and other ceramics and misc. objects.

2005: In total, 2,787 historic artifacts were recovered from test unit excavation. The 2,787 historic artifacts included 390 (14%) ceramic sherds, 14 (.50%) white ball clay pipe stems and bowls, 1,362 (49%) glass fragments, 525 (19%) cut nail fragments, 53 (1.7%) miscellaneous fragments, 404 (14.4%) reddish brown handmade brick fragments, and 39 (1.4%) oyster shell fragments.

One thousand three hundred and sixty-two fragments of glass were recovered. Vessel forms included containers, window glass, table glass, jars, lamp chimney, and buttons. Nine hundred and twelve fragments or 67% of the glass assemblage dates from the early to mid 19th century while the remainder dates from circa post 1900 to present day.

Ceramic sherds recovered included 11 (2.8%) coarse earthenware, four (1.2%) refined earthenware, six (1.6%) creamware, 237 (60.8%) pearlware, 77 (19.7%) whiteware, two (.50%) yellow ware, 15 (3.8%) porcelain, and 38 (9.7%) stoneware. Of this number, 42 or 10.7% were potted in America, 15 or 3.8% in China, and 333 or 85.5% in England. Vessel forms included bowls, cups, saucers, plates, basins, flatwares, and hollowwares. Of the sherds recovered, 266 or 68.2% date from circa 1750-1835 and 124 or 31.8% date circa post 1840 to 1880. It is interesting to note that the earlier sherds mostly came from England while the sherds that date circa post 1840 were mostly potted in America, England, and China. White ball clay pipe stems indicated date ranges from circa 1710 to 1750.

December 2011:

In total, 8,824 artifacts were recovered from Phase III feature excavation. Of these, one or 0.01% was associated with Native American occupation of the site and 8,823 or 99.98% dated to the historic period. Native American material included one (0.01%) quartzite reduced cobble. Historic material included 3,497 (39.63%) domestic artifacts, 1,941 (21.99%) architectural artifacts, 2,971 (33.66%) metal artifacts, 183 (2.79%) faunal artifacts, 221 (2.50%) fuel-related artifacts, and 10 (0.11%) animal artifacts. Domestic artifacts included 673 (7.62%) ceramic sherds, 2,604 (29.51%) glass fragments, 35 (0.39%) white ball clay pipe bowl fragments, 51 (0.57%) white ball clay pipe stems, one (0.01%) white ball clay pipe stem fragment, two (0.02%) Pamplin pipe bowl fragments, two (0.02%) Pamplin pipe stem fragments, one (0.01%) pipe bowl fragment, one (0.01%) opaque white glass button fragment, one (0.01%) two-piece brass button, one (0.01%) porcelain doorknob, one (0.01%) doorknob fragment, three (0.03%) doorbell fragments, one (0.01%) clear canning jar lid, five (0.05%) opaque white canning jar lid liners, eight (0.09%) zinc canning jar lid fragments, one (0.01%) leather attachment head tack, two (0.02%) leather fragments, 77 (0.87%) leather shoe fragments, one (0.01%) leather shoe heel, three (0.03%) electric fragments, one (0.01%) plastic bottle lid, one (0.01%) shotgun shell cap, three (0.03%) shotgun shell fragments, one (0.01%) wheel, one (0.01%) teapot spout, six (0.06%) rubber fragments, one (0.01%) cast iron fragment, one (0.01%) cast iron skillet, three (0.03%) cast iron hub fragments, one (0.01%) oil lamp fragment, two (0.02%) knife sharpening stone fragments, one (0.01%) lead pistol shot, and one (0.01%) fired lead shot. Domestic ceramic sherds included 336 (3.80%) pearlware sherds, 11 (0.125%) coarse earthenware sherds, three (0.03%) refined earthenware sherds, 83 (0.94%) stoneware sherds, one (0.01%) stoneware jug, one (0.01%) slipware sherd, 199 (2.25%) whiteware sherds, four (0.04%) bisques porcelain sherds, 22 (0.24%) porcelain sherds, seven (0.07%) porcelain beer bottle stoppers, five (0.05%) creamware sherds, and one (0.01%) yellowware sherd. Domestic glass fragments included 1,472 (16.68%) clear bottle glass fragments, 16 (0.18%) clear glass fragments, 18 (0.20%) clear tableware glass fragments, 63 (0.71%) clear jars, 71 (0.80%) clear bottles, 30 (0.33%) clear hurricane lamp globe fragments, 17 (0.19%) clear tableware fragments, seven (0.07%) clear canning glass fragments, two (0.02%) clear jar fragments, five (0.05%) clear flat glass fragments, 290 (3.28%) aqua bottle glass fragments, 30 (0.33%) aqua bottles, 28 (0.31%) aqua canning jar glass fragments, 17 (0.19%) solarized amethyst tableware glass fragments, 253 (2.86%) solarized amethyst bottle glass fragments, 10 (0.11%) solarized amethyst bottles, 80 (0.90%) amber bottle glass fragments, 18 (0.20%) amber bottles, 54 (0.61%) dark green bottle glass fragments, two (0.02%) dark green bottles, three (0.03%) bright green bottle glass fragments, seven (0.07%) bright green bottles, nine (0.10%) olive green bottle glass fragments, one (0.01%) lime green bottle glass fragments, two (0.02%) medium green bottle glass fragments, one (0.01%) green bottle glass fragment, 24 (0.27%) cobalt blue bottle glass fragments, two (0.02%) light green bottle glass fragments, two (0.02%) cobalt blue bottles, 15 (0.16%) bottle glass fragments, four (0.04%) opaque white tableware glass fragments, two (0.02%) carnival glass tableware fragments, 33 (0.37%) pink tableware glass fragments, one (0.01%) glass stopper, two (0.02%) tableware glass fragments, one (0.01%) opaque white lamp shade glass fragment, nine (0.10%) opaque white glass fragments, and three (0.03%) bottle glass wire bale attachment fragments. Architectural artifacts included one (0.01%) clear window glass fragment, 350 (3.96%) aqua window glass fragments, 843 (9.55%) cut nail fragments, 81 (0.91%) cut nails, 38 (0.43%) wire nail and nail fragments, 427 (4.83%) reddish brown handmade brick fragments, one (0.01%) reddish orange handmade brick fragment, one (0.01%) buff handmade brick fragment, one (0.01%) burned brick fragments, eight (0.09%) sand-tempered mortar fragments, 176 (1.99%) shell-tempered plaster fragments, four (0.04%) shell- and sand-tempered plaster fragments, two (0.02%) terra cotta tile fragments, two (0.02%) wooden boards, and six (0.06%) plate glass fragments. Metal artifacts included one (0.01%) brass washer, 74 (0.83%) iron strap fragments, 139 (1.57%) tin bucket fragments, 142 (1.60%) iron fragments, two (0.02%) iron lid fragments, one (0.01%) stamped brass thin bucket fragment, two (0.02%) lead shot, one (0.01%) coin, five (0.05%) iron bolt fragments, two (0.02%) iron nuts, two (0.02%) iron eye bolt fragments, one (0.01%) iron cotter pin fragment, one (0.01%) fencing staple fragment, two (0.02%) iron S-hook and hook fragments, 14 (0.15%) cut spike fragments, six (0.06%)

City/County: James City

iron wire fragments, one (0.01%) iron spring fragment, one (0.01%) screw fragment, 2,162 (24.50%) tin can fragments, six (0.06%) iron tin can key openers, four (0.04%) iron chain link fragments, eight (0.90%) iron bucket fragments, 14 (0.15%) iron pipe fragments, one (0.01%) tin box fragments, one (0.01%) knife handle fragment, seven (0.07%) iron angle fragments, one (0.01%) brass lock fragment, nine (0.10%) brass sheet fragments, seven (0.07%) brass flashlight fragments, one (0.01%) metal spring, two (0.02%) iron washers, one (0.01%) lead weight, two (0.02%) metal bottle lids, one (0.01%) iron pliers fragment, one (0.01%) iron spike fragment, one (0.01%) stainless steel wire fragment, one (0.01%) thin metal cap, one (0.01%) battery fragment, one (0.01%) pan, one (0.01%) iron bail handle, one (0.01%) iron bucket rim, nine (0.10%) iron buckets, three (0.03%) pan fragments, two (0.02%) metal can necks, one (0.01%) steel nut, four (0.04%) stainless steel fragments, one (0.01%) brass screw, one (0.01%) brass zipper, one (0.01%) tin can, one (0.01%) road sign fragment, two (0.02%) iron files, eight (0.90%) iron saw blade and blade fragments, one (0.01%) iron spoke fragment, one (0.01%) iron hub gear fragment, one (0.01%) stainless steel tie down ring, one (0.01%) iron strap hinge fragment, four (0.04%) tin jar lid fragments, one (0.01%) iron knife blade fragment, 22 (0.24%) tin fragments, three (0.03%) tin bottle cap fragments, two (0.02%) iron chisel fragments, one (0.01%) iron shim, one (0.01%) brass rivet fragment, 193 (2.18%) enameled metal bucket fragments, 19 (0.21%) enameled pan fragments, one (0.01%) enameled pan handle, one (0.01%) enameled pan, one (0.01%) sheet metal fragment, four (0.04%) brass fragments, three (0.03%) cut spikes, one (0.01%) iron hinge, one (0.01%) iron hinge fragment, one (0.01%) iron plane fragment, 10 (0.11%) iron handle fragments, one (0.01%) iron bar fragment, four (0.04%) galvanized pan fragments, one (0.01%) iron shovel fragments, two (0.02%) iron rod fragments, five (0.05%) iron farm implement fragments, one (0.01%) iron plow, one (0.01%) iron wagon wheel fragment, three (0.03%) iron wagon wheels, one (0.01%) iron bracket fragment, two (0.02%) iron pot fragments, one (0.01%) horseshoe fragment, one (0.01%) iron buckle, two (0.02%) iron wagon fragments, seven (0.07%) pewter fragments, one (0.01%) enameled pot fragment, and one (0.01%) iron spike. Faunal artifacts included two (0.02%) clam shell fragments, 178 (2.01%) oyster shell fragments, and three (0.03%) walnut fragments. Fuel-related artifacts included 64 (0.72%) charred wood fragments, 91 (1.03%) coal clinkers, two (0.02%) coal fragments, and 64 (0.72%) wood fragments. Animal artifacts included four (0.04%) fowl bone fragments, one (0.01%) bone fragment, and five (0.05%) swine tusks.

Specimens Reported? Yes

Assemblage Description--Reported:

Field Notes Reported? Yes **Depository:** Cultural Resources Inc., Williamsburg
James River Institute for Archaeology
Circa~

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes **Depository:** VDHR

DHR Library Reference Number: JC-229

Reference for reports and publications:

Phase I and II Archaeological Investigations of The Liguria Tract, 44JC1018, James City County, Virginia. Cultural Resources, Inc.
Prepared by: Douglas C. McLearen, Matthew R Laird, Ph.D., Carol D. Tyrer. July 1999

Report (s) ? Yes **Depository:** VDHR

DHR Library Reference Number: JC-235

Reference for reports and publications:

Additional Phase II Archaeological Investigations of The Liguria Tract, 44JC1018, James City County, Virginia

Carol D. Tyrer and Matthew R. Laird, Ph.D.
August 2005

Report (s) ? Yes **Depository:** VDHR

DHR Library Reference Number:

Reference for reports and publications:

Circa~ Cultural Resource Management, L.L.C.
2010 Treatment Plan for Site 44JC1018 The Liguria Tract James City County, Virginia.

City/County: James City

Report (s) ? Yes Depository: VDHR

DHR Library Reference Number:

Reference for reports and publications:

Circa~

2011 Phase III Archaeological Excavations at Site 44JC1018

The Liguria Tract James City County, Virginia.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
	CRI, Williamsburg	B&W 35mm Photos	1999/01/25
	Circa~	B&W digital images	2010/06/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date:	1999/01/25
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Organization and Person:

Organization: Cultural Resource First: Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event:	PIF Deferred	Date:	2005/06/15
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Organization and Person:

Organization: First: Last: VDHR

Sponsor Organization:

DHR Project Review File No: 1999-0521

CRM Event Notes or Comments:

unable to concur, limited additional phase II evaluation recommended

Cultural Resource Management Event:	Other	Date:	2005/99/99
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Organization and Person:

Organization: James River Inst First: Carol D. Last: Tyrer

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

2005: JRIA conducted additional testing at this site.

Cultural Resource Management Event:	DHR Staff: Eligible	Date:	2005/09/14
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Organization and Person:

Organization: VDHR First: Last:

Sponsor Organization:

DHR Project Review File No: 1999-0521

CRM Event Notes or Comments:

City/County: James City

NATIONAL REGISTER ELIGIBILITY RATING SHEET

ARCHEOLOGICAL SITE INVENTORY NUMBER: 44JC1018

Site Name (If available):

DATE RATED: 14 September 2005

REASON for COMMITTEE OPINION: Requested by Bacon Environmental

DOCUMENTATION: Additional Phase II Archaeological Investigations of the Liguria Tract, 44JC1018, James City County, Virginia

A. CATEGORIES

VDHR Theme(s): Settlement Patterns, Minority Communities

NRHP Property Type: Archaeological Site

Period(s) of Significance: 1800-1875

Area(s) of Significance: Historic Archaeology

B. NRHP CRITERIA

Criterion A: X

Criterion D: X

C. LEVEL OF SIGNIFICANCE: X State

D. ASSIGNMENT of BASIC POINTS

1. Representation in archeological data base (1 to 10)

 8

2. Integrity

a. Horizontal (1 to 10)

 5

b. Vertical (1 to 10)

 7

3. Research Potential (1 to 20)

 12

4. Unusually good representative of type (1 to 3)

 0

5. Illustrates history/Cultural minorities (1 to 3)

 1

6. Offers Exceptional Potential for Study and Interpretation (1 to 3)

 0

TOTAL POINTS: 32

RECOMMENDATION: X ELIGIBLE

DHR CONCURRENCE: X YES NO

COMMITTEE MEMBERS PRESENT: ERE RWK JLW

JUSTIFICATION: Site represents a domestic occupation dating between 1800 and 1875, possibly associated with the adjacent freedman settlement of Centerville. Supplemental evaluation identified several features and recovered artifacts similar to those recovered from Centerville sites in some ways and vastly different in others (for example, the ceramics recovered from 44JC1018 are predominately flatwares and of British manufacture, while the ceramics recovered from Centerville are predominately hollowwares and of domestic manufacture). Site presents some interesting comparative possibilities.

Cultural Resource Management Event: Archaeological Data Recovery	Date: 2011/12/99
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Organization and Person:

Organization: Circa~ **First:** Carol D. **Last:** Tyrer

Sponsor Organization:

DHR Project Review File No: 1991-0521

CRM Event Notes or Comments:

December 2011: In the summer and fall of 2010, Circa~ completed Phase III archaeological excavations at Site 44JC1018, located in James City County, Virginia prior to construction of a gas station on the site.

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

City/County: James City

Individual Category Codes:

Owner of property

Honorif: **First:** Whit **Last:** Richardson

Suffix:

Title:

Company/

Agency:

Address: 196 West Queens Drive

City: Williamsburg **State:** Virginia **Zip:** 23185

Phone/Ext: - -

- -

Notes:

Individual Category Codes:

Occupant, Former

Honorif: Ms. **First:** Anna **Last:** Liguria

Suffix:

Title:

Company/

Agency:

Address:

City: **State:** **Zip:**

Phone/Ext:

Notes:

Ownership Type: Private

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC1114

DHR Site Number: 44JC1114 Other DHR Number:

Resource Name:

Temporary Designation: CL5

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Euro-American

Euro-American

Euro-American

Temporal Designation

18th Century: 4th quarter

19th Century

20th Century

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Trash scatter

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data? No

Center UTM Coordinates (for less than 10 acres): NAD 18/4130820/345340

NAD ZONE EAST NORTH

Boundary UTM Coordinates (for 10 acres or more):

NAD ZONE EAST NORTH

Physiographic Province: Coastal Plain

Aspect: Flat

Elevation (in feet): 110.00

Slope: 2-6%

Drainage: James River

Nearest Water Source: Chisel Run

Distance to Water(in feet): 3,400

Site Soils: Suffolk Fine Sandy Loam

Adjacent Soils: Kempsville-Emporia Fine Sandy Loam

Landform: terrace

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 650 feet by 430 feet

Acreage: 6.41

City/County: James City

Survey Strategy: Subsurface Testing
Surface Testing

Site Condition: Surface Deposits Present But With No Subsurface Integrity

Threats to Resource:

Survey Description:

SURVEY DESCRIPTION
ARCHAEOLOGICAL SITE CL5

CL5

Isolated finds area CL5, located within the northernmost field of the project area, extended from the edge of Olde Towne Road, eastward to the forested area that bordered a housing development. This area was comprised of 35 positive shovel tests and 15 positive supplemental shovel tests (25' intervals). The artifacts recovered included fragments of creamware, pearlware, whiteware, Albany slipware, modern bottle glass, coal, slate, window glass, nineteenth century wine bottle glass, and handmade brick. These artifacts date CL5 to between the last quarter of the eighteenth century to the twentieth century. This location was classified as a trash scatter due to the thin distribution of artifacts, their wide date range, and the absence of known subsurface features. No further work is recommended.

CURRENT LAND USE

Land Use: Subsistence/A **Example:** Agricultural field

Dates of Use: 2003/01/01

Comments/Remarks:

Fallow Field

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes **Specimens Depository:** Archaeological & Cultural Solutions, Inc.

Assemblage Description:

Artifact Inventory Site CL5

Tr. 2/12	1	Bottle frag.; amber, modern
Tr. 2/12 East	1	American gray stoneware hollowware frag.; 1720-1900
	1	Glass frag.; colorless, modern
	1	Brick frag.; handmade
	1	Strap frag.; iron
	1	Coal frag.
Tr. 3/9	1	Window glass frag.; colorless, 19th/20th c.
	2	Coal frags.
Tr. 3/9 East	1	Brick frag.; handmade
	1	Oyster shell frag.
Tr. 3/11	1	Pearlware frag.; 1780-1840
Tr. 3/11 West	1	Creamware frag.; 1770-1820
	1	Nail frag.; wire
Tr. 3/11 South	1	Creamware frag.; 1770-1820
	2	Bottle glass frags.; modern
	1	Slate frag.
	1	Coal frag.
	1	Bog iron frag.
Tr. 4/9	1	Nail, wrought; pre-1790
Tr. 4/12	1	Oyster shell frag.
Tr. 5/7	1	Pharmaceutical bottle frag.; colorless, 19th c.
Tr. 5/11	1	Brick frag.; handmade
	3	Coal frags.
Tr. 5/11 West	1	Bottle frag.; colorless, 19th/20th c.
Tr. 5/11 South	1	Window glass frag.; colorless, 19th c.
	2	Brick frags.; handmade
Tr. 6/5	2	Nail frags.; wire, heavily corroded
Tr. 6/9	1	Brick frag.; handmade
Tr. 6/9 North	1	Bottle frag.; pale aqua, 19th c.
Tr. 6/9 East	1	Whiteware frag.; 1840+
Tr. 6/12	1	Chunk; quartzite
Tr. 6/13	1	Bottle frag.; colorless, 20th c.
Tr. 7/8	1	Bottle frag.; aqua, 19th c.
	1	Bottle frag.; 1916+
	1	Oyster shell frag.

City/County: James City

Tr. 7/8 East	2	Brick frags.; handmade
	1	Hook; "S" shaped, iron
	1	Coal frag.
Tr. 7/9	2	Tableware frags.; colorless, 19th c.
Tr. 7/9 South	1	Whiteware frag.; 1840+
	1	Brick frag.; handmade
Tr. 8/4	1	Wine bottle frag.; olive, 19th c.
	1	Coal frag.
Tr. 8/8	1	Whiteware plate frag.; 1840+
1		Tableware frag.; solarized, 1880+
Tr. 8/9	2	Coal frags.
Tr. 9/3	1	Oyster shell frag.
Tr. 9/4	1	Oyster shell frag.
Tr. 9/8	1	Window glass frag.; olive, 18th c.
	1	Brick frag.; handmade
	2	Coal frags.
Tr. 9/10	1	Brick frag.; handmade
Tr. 10/Surface	1	Insulator; porcellaneous, 20th c.
Tr. 10/6	1	Albany slipware frag.; 1850+
Tr. 10/7	1	Brick frag.; handmade
Tr. 11/3	1	Shotgun cartridge; plastic, modern
Tr. 11/5	1	Delftware frag.; cobalt blue handpainted decoration, 18th c.
Tr. 11/7	1	Coal frag.
Tr. 11/8	1	Window glass frag.; colorless, 19th/20th c.
	1	Oyster shell frag.
Tr. 11/9	1	Window glass frag.; colorless, 19th/20th c.
Tr. 12/3 East	1	Bottle frag.; light green, 1916+
	1	Bottle frag.; colorless, 20th c.
Tr. 12/ 6	2	Brick frags.; handmade
Tr. 12/7	2	Brick frags.; handmade, 1 burnt
Tr. 12/7 South	1	Bottle frag.; colorless, modern
Tr. 12/7 West	1	Wine bottle frag.; olive, 19th c.

City/County: James City

Tr. 12/8	1	Mortar frag.
Tr. 12/9	1	Creamware frag.; 1770-1820
Tr. 12/11	1	Brick frag.; handmade
Tr. 12/11 North	2	Brick frags.; handmade
Tr. 13/3	1	Tableware frag.; colorless, modern
Tr. 13/5	3	Coal frags.
Tr. 14/Surface	1	Glass frag.; colorless, 19th c.
	1	Oyster shell frag.
	1	Clam shell frag.; fossilized
	2	Oyster shells
Tr. 14/5	2	Bottle glass frag.; colorless, 20th c.
	1	Flake; quartzite, small, primary thinning
	2	Coal frag.s
Tr. 15/5	4	Bottle frags.; colorless, 20th c.
Tr. 15/5 East	1	Bottle frag.; colorless, 20th c.

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported? Yes **Depository:** Archaeological & Cultural Solutions, Inc.

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes **Depository:** Archaeological & Cultural Solutions, Inc.

DHR Library Reference Number:

Reference for reports and publications:

Phase I and Phase II Archaeological Investigations for the Proposed Colonies of Williamsburg, James City County, Virginia

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
	ACS	35mm Black and White	2003/05/01
	ACS	35mm Color Slides	2003/05/01

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 2002/12/01
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City/County: James City

Organization and Person:

Organization: First: Last: ACS

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event: Survey:Phase II/Intensive	Date: 2003/03/30
--	-------------------------

Organization and Person:

Organization: First: Last: ACS

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Property Manager

Honorif: Mr. **First:** Richard **Last:** Costello

Suffix:

Title: President

Company/ AES Consulting Engineers

Agency:

Address: 5248 Olde Towne Road, Suite 1

City: Williamsburg **State:** Virginia **Zip:** 23188

Phone/Ext: 757-253-0040

Notes:

Ownership Type: Private

Government Agency:

City/County: James City

DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT

DHR ID#: 44JC1115

DHR Site Number: 44JC1115

Other DHR Number:

Resource Name:

Temporary Designation: CL6

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Euro-American

Euro-American

Native American

Temporal Designation

19th Century

20th Century

Woodland

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Settlement Patterns

Example: Lithic scatter

Comments/Remarks:

Thematic Context: Domestic

Example: Trash scatter

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG

Restrict UTM Data? No

Center UTM Coordinates (for less than 10 acres): NAD 18/4130620/345300

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
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Physiographic Province: Coastal Plain

Aspect: Flat

Elevation (in feet): 110.00

Slope: 2-6%

Drainage: James River

Nearest Water Source: Chisel Run

Distance to Water(in feet): 2,300

Site Soils: Suffolk Fine Sandy Loam

Adjacent Soils: Kempsville-Emporia Fine Sandy Loam

Landform: terrace

City/County: James City

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 550 feet by 300 feet **Acreage:** 3.78

Survey Strategy: Informant
Subsurface Testing

Site Condition: Surface Deposits Present And With Subsurface Integrity

Threats to Resource:

Survey Description:

SURVEY DESCRIPTION

ARCHAEOLOGICAL SITE CL6

CL6

Background

Located 100' south of CL5, at the edge of a former section of Olde Towne Road, CL6 was comprised of 24 positive shovel tests at 50' intervals and 34 positive supplemental shovel tests at 25' intervals. These shovel tests yielded artifacts ranging in date from prehistoric to modern which included: one Guilford projectile point, quartz debitage, and fragments of creamware, whiteware, modern bottle glass, and handmade brick.

Phase II Excavations

Since architectural artifacts (e.g. handmade brick) were recovered, three exploratory trenches (Trenches 1-3) were excavated to subsoil within CL6 (see Figure17). Trench 1 ran 498' along the north/south axis. This trench revealed portions of a two foot wide zig-zag fence ditch (F1), which ran diagonally along a north/south axis (see Plate 15 and Figure18), and a 1.5' wide boundary ditch (F2) that ran perpendicular to the trench. Trench 2 ran 147' along an east/west axis and it intersected the northern portion of Trench 1. A portion of the zig-zag fence ditch (F1) was recorded within Trench 2. Trench 3, which ran 198' along an east/west axis, contained another segment of the zig-zag fence ditch (F1). A portion of the zig-zag fence ditch was excavated to subsoil. The artifacts recovered from the plowzone in Trenches 1, 2, and 3 consisted of a mixture of late eighteenth, and nineteenth century material culture which included fragments of creamware, pearlware, wine bottle glass, coal, handmade brick, and wrought nails.

Classified as trash scatter, CL6 consisted of a collection of very widely dated artifacts (prehistoric to twentieth century) spread over a wide area. Although sections of linear features were sampled, no further work is recommended at CL6 as their character has been recorded and they undoubtedly extend across large sections of the project area.

CURRENT LAND USE

Land Use: Subsistence/A **Example:** Agricultural field

Dates of Use: 2003/01/01

Comments/Remarks:

Fallow Field

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes **Specimens Depository:** Archaeological & Cultural Solutions, Inc.

Assemblage Description:

City/County: James City

Artifact Inventory Site CL6

Tr. 1/14	1	Bottle frag.; colorless, modern
	1	Bottle frag.; amber, modern
Tr. 1/14 South early 20th c.	1	Tableware frag.; yellow/green, depression glass,
	3	Bottle frags.; amber, modern
	1	Glass frag.; colorless, modern
Tr. 1/14 East	1	Brown stoneware hollowware frag.; English, 18th c.
	1	Bottle frag.; colorless, modern
Tr. 1/15	1	Bottle frag.; amber, modern
	1	Plastic frag.; white
Tr. 1/15 East	1	Brick frag.; handmade
	1	Plastic frag.; green
	2	Coal frags.
Tr. 1/15 South	2	Creamware frags.; 1770-1820
	1	Bottle glass frag.; amber, modern
Tr. 1/17 18th c.	1	Chinese export frag.; blue under glaze decoration,
Tr. 1/17 West	1	Nail, wire; 1850+
Tr. 1/17 North	1	Strap frag.; iron
	1	Coal frag.
Tr. 1/18	3	Brick frags.; handmade
	1	Nail, cut; 1790-1820, heavily corroded
	2	Slate frags.; burned
	5	Coal frags.
Tr. 1/18 South	1	Bottle rim frag.; colorless, 19th/20th c.
	1	Brick frag.; handmade
	1	Nail frag.; heavily corroded
	3	Coal frags.
	1	Oyster shell frag.
Tr. 1/18 East	1	Wine bottle frag.; olive, 18th c.
Tr. 1/18 West	1	Stemware rim frag.; colorless, 18th c.
	4	Brick frag.; handmade
	2	Coal frags.
Tr. 1/19	2	Yellowware frags.; 1840-1900
	3	Bottle frags.; colorless, 19th/20th c.
	2	Brick frag.; handmade
	2	Coal frags.
	1	Oyster shell frag.
Tr. 1/19 West	2	Coal frags.
	2	Cinders
	1	Oyster shell frag.

City/County: James City

Tr. 1/21	1	Window glass frag.; colorless, 19th/20th c.
	3	Brick frags.; handmade, 1 burnt
Tr. 1/21 West	2	Brick frags.; handmade
Tr. 1/21 North	1	Brick frag.; handmade
	5	Coal frags.
Tr. 1/23	1	Bottle frag.; colorless, 19th/20th c.
	3	Brick frags.; handmade
Tr. 1/23 West	1	Bottle frag.; colorless, 19th/20th c.
Tr. 2/13	1	Tableware frag.; green, Depression glass, early 20th c.
	1	Tableware frag.; colorless, 19th/20th c.
	1	Bottle frag.; amber, modern
Tr. 2/13 West	2	Bottle frags.; amber, modern
Tr. 2/13 South	1	Creamware frag.; 1770-1820
	1	Glass frag.; colorless, 19th c.
	1	Bottle frag.; amber, modern
	1	Coal frag.
	1	Chunk; quartz, small
Tr. 2/15	1	Projectile point; Guilford, Archaic, 4,000 B.C.
Tr. 2/17	1	Creamware frag.; 1770-1820
	1	Nail frag; cut, heavily corroded
	1	Coal frag.
Tr. 2/17 North	1	Bottle neck frag.; colorless, late 19th/20th c.
Tr. 2/18	1	Porcellaneous frag.; 1820+
	1	Pearlware frag.; 1780-1840
1		Delftware frag.; 18th c.
	3	Brick frags.; handmade
	1	Nail frag.; cut, heavily corroded
	1	Coal frag.
Tr. 2/20	1	Bottle frag.; aqua, 19th c.
Tr. 2/20 West	1	Tableware frag.; solarized, 1880+
	1	Brick frag.; handmade
	1	Bullet; lead, 1865+
Tr. 2/20 East	1	Tableware frag.; colorless, modern
Tr. 2/22	1	Brick frag.; handmade
Tr. 3/17	1	Chunk; quartz, small
Tr. 3/17 North	1	Tableware frag.; colorless, 19th/20th c.
	1	Brick frag.; handmade
	1	Coal frag.

City/County: James City

Tr. 3/17 South	1	Oyster shell frag.
Tr. 3/18	1	Brick frag.; handmade
Tr. 3/18 East	4	Coal frags.
Tr. 3/18 South	1	Window glass frag.; colorless, 19th/20th c.
	1	Oyster shell frag.
Tr. 3/18 North	1	Oyster shell frag.
Tr. 3/21	1	Brick frag.; handmade, glazed
Tr. 3/21 South	1	Brick frag.; handmade
Tr. 3/21 East	1	Oyster shell frag.
Tr. 3/22	2	Oyster shell frags.
Tr. 3/22 South	1	Brick frag.; handmade
Tr. 3/22 East	4	Brick frags.; handmade
	2	Coal frags.
Tr. 3/22 West	4	Brick frags.; handmade
	1	Nail frag.; wire, heavily corroded
Tr. 3/23	4	Brick frags.; handmade, 1 glazed
Tr. 3/23 East	10	Brick frags.; handmade
Tr. 3/23 South	3	Brick frags.; handmade
Tr. 3/23 West	6	Brick frags.; handmade
	1	Coal frag.
Tr. 4/Surface	1	Chinese porcelain frag.; 18th c.
	1	Porcellaneous frag.; 1820+
	1	Whiteware frag.; 1840+
	1	Brick bat; handmade, 4.0" W x 2.6" H
	3	Brick frags.; handmade
	2	Mortar frags.; sand tempered with some shell
inclusions	6	Oyster shell frags.
Tr. 4/16	1	Glass frag.; pale aqua, 19th c.
	1	Brick frag.; handmade
Tr. 4/16 North	1	Brick frags.; handmade
Tr. 4/18	1	Coal frag.
Tr. 5/17	1	Coal frag.
Tr. 5/17 East	2	Oyster shell frags.
Tr. 5/17 West	1	Whiteware frag.; 1840+

City/County: James City

Tr. 5/25 6 Brick frags.; handmade
1 Coal frag.

Tr. 6/15 1 Pipe stem frag.; English, white ball clay, 5/64" bore,
1607-1800

Trench 1/Plowzone 2 Whiteware frags.; multiple, 1 rim, 1830+
1 Pearlware plate frag.; blue shell edged decoration,
1815

1 Creamware frag.; 1760-1820
1 Pipe bowl frag.; English, white ball clay, 18th c.
3 Wine bottle frags.; olive, 18th/19th c,
11 Brick frags.; handmade
5 Nails, wrought; pre-1790
2 Nail frags.; wrought
1 Spike; iron
1 Sheet metal frag.; cast iron
7 Coal frags.
1 Coke frag.
1 Chunk; quartz
1 Oyster shell frag.

Trench 2/Plowzone 1 Pearlware/transitional hollowware frag.; embossed
decoration, 1830

Specimens Reported?

Assemblage Description--Reported:

Field Notes Reported? Yes **Depository:** Archaeological & Cultural Solutions, Inc.

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes **Depository:** Archaeological & Cultural Solutions, Inc.

DHR Library Reference Number:

Reference for reports and publications:

Phase I and Phase II Archaeological Investigations for the Proposed Colonies of Williamsburg, James City County, Virginia

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
	ACS	35mm Black and White	2003/05/01
	ACS	35mm Color Slides	2003/05/01

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 2002/12/01
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City/County: James City

Organization and Person:

Organization: **First:** **Last:** ACS

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event: Survey:Phase II/Intensive Date: 2003/03/30
--

Organization and Person:

Organization: **First:** **Last:** ACS

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Property Manager

Honorif: Mr. **First:** Richard **Last:** Costello

Suffix:

Title: President

Company/ AES Consulting Engineers

Agency:

Address: 5248 Olde Towne Road, Suite 1

City: Williamsburg **State:** Virginia **Zip:** 23188

Phone/Ext: 757-253-0040

Notes:

Ownership Type: Private

Government Agency:

City/County: James City

**DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT**

DHR ID#: 44JC1116

DHR Site Number: 44JC1116 **Other DHR Number:**

Resource Name:

Temporary Designation: CL7

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation	Temporal Designation
Euro-American	18th Century: 4th quarter
Euro-American	19th Century
Euro-American	20th Century

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic **Example:** Trash scatter

Comments/Remarks:

LOCATION INFORMATION

USGS Quadrangle(s): WILLIAMSBURG **Restrict UTM Data?** No

Center UTM Coordinates (for less than 10 acres): NAD 18/4130670/345450

NAD ZONE EAST NORTH

Boundary UTM Coordinates (for 10 acres or more):

NAD ZONE EAST NORTH

Physiographic Province:	Coastal Plain	Drainage:	James River
Aspect:	Flat	Nearest Water Source:	Chisel Run
Elevation (in feet):	100.00	Distance to Water(in feet):	2,000
Slope:	2-6%	Site Soils:	Suffolk Fine Sandy Loam
		Adjacent Soils:	Kempsville-Emporia Fine Sandy Loam
Landform:	terrace		

SITE CONDITION/SURVEY DESCRIPTION

Site Dimensions: 620 feet by 300 feet **Acreage:** 4.27

City/County: James City

Survey Strategy: Subsurface Testing

Site Condition: Surface Deposits Present But With No Subsurface Integrity

Threats to Resource:

Survey Description:

SURVEY DESCRIPTION
ARCHAEOLOGICAL SITE CL7

CL7

Located 100' south of CL5 and 150' east of CL6, isolated finds area CL7 consisted of a thin distribution of late eighteenth century to modern artifacts. There were 12 positive shovel tests and six positive supplemental shovel tests which yielded fragments of Albany slipware, a cut nail, handmade brick, a nineteenth century phial, mortar, and twentieth century bottle glass. No further work is required at CL7 due to the thin distribution and wide range in date of the artifacts recovered in this trash scatter.

CURRENT LAND USE

Land Use: Subsistence/A **Example:** Agricultural field

Dates of Use: 2003/01/01

Comments/Remarks:

Fallow Field

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes

Specimens Depository: Archaeological & Cultural Solutions, Inc.

Assemblage Description:

City/County: James City

Artifact Inventory Site CL7

Tr. 10/16	1	Nail, cut; 1790-1820
Tr. 11/15	2	Nails; heavily corroded
Tr. 11/15 West	1	Brick frag.; handmade
Tr. 11/16	1	Albany slipware frag.; 1850+
Tr. 12/14	1	American gray stoneware hollowware frag.; finger print present, 1720-1800
	1	Coal frag.
Tr. 13/11 East	1	Tableware frag.; colorless, 19th/20th c.
	1	Bottle frag.; colorless, 19th/20th c.
	1	Projectile point distal tip frag.; quartzite
Tr. 13/13	1	Tableware frag.; colorless, modern
Tr. 13/13 North	1	Nail, wrought; pre-1790
Tr. 13/13 East	1	Tableware frag.; solarized, 1880+
	2	Coal frags.
Tr. 13/19	1	American brown stoneware hollowware frag.; 1720-1820
	1	Bottle frag.; colorless, 19th/20th c.
Tr. 14/13	1	Phial frag.; colorless, 19th c.
Tr. 14/15 North	1	Brick frag.; handmade
Tr. 14/20	1	Pearlware frag.; blue transfer printed decoration, 1795-1820
	1	Oyster shell frag.
Tr. 15/18	1	Pearlware frag.; 1780-1840
Tr. 16/9	1	Terracotta frag.; incised geometric decoration, 20th c.
	1	Vinyl frag.; red
	1	Charred wood frag.
Tr. 16/9 West	3	Bottle frags.; colorless, 1903+
Tr. 16/11	1	Bottle frag.; soda, 1948+
	1	Brick frag.; handmade
	1	Mortar frag.
Tr. 17/19	1	Oyster shell frag.

Specimens Reported?**Assemblage Description--Reported:**

City/County: James City

Field Notes Reported? Yes

Depository: Archaeological & Cultural Solutions, Inc.

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes Depository: ACS

DHR Library Reference Number:

Reference for reports and publications:

Phase I and Phase II Archaeological Investigations for the Proposed Colonies of Williamsburg, James City County, Virginia

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
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CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 2002/12/01
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Organization and Person:

Organization: First: Last: ACS

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Property Manager

Honorif: Mr. First: Richard Last: Costello

Suffix:

Title: President

Company/ AES Consulting Engineers

Agency:

Address: 5248 Olde Towne Road, Suite 1

City: Williamsburg State: Virginia Zip: 23188

Phone/Ext: 757-253-0040

Notes:

Ownership Type: Private

Government Agency:

Virginia Department of Historic Resources
Reconnaissance Level Survey

DHR ID#: 047-5302

Other DHR ID#:

Resource Information

Resource Name(s): House, 3931 Longhill Road {Function/Location}

Date of Construction: 1959

Local Historic District :

Location of Resource

Commonwealth of Virginia

County/Independent City: James City

Magisterial District:

Town/Village/Hamlet: Williamsburg/Centerville

Tax Parcel:

Zip Code: 23188

Address(s): 3931 Longhill Road {Current}

USGS Quadrangle Name: NORGE

UTM Boundary Coordinates :

<u>NAD</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>
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<i>UTM Center coordinates :</i>	18	341960	4131160
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<i>UTM Data Restricted?.</i>	No
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National Register Eligibility Status

Property has been recommended Not Eligible for listing

Resource Description

Ownership Status: Private

Government Agency Owner:

Acreage: 17.30

Surrounding area: Suburban

Open to Public: No

Site Description:

May 2007: The house at 3931 Longhill Road is located on the northern third of the 17.3-acre property. The yard around the house is mostly cleared to Longhill Road, but contains a narrow strip overgrown with small saplings, briars, and grasses 150 ft. by 500 ft. long along its side. The remainder of the 17.3-acre lot is wooded, characterized by young growth trees that have the appearance of having been logged within the last 50 years. In addition, portions of the woods and areas in the vicinity of the house have been used for trash dumps and other activities.

Secondary Resource Summary:

May 2007: None.

Individual Resource Information

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Single Dwelling	Non-Contributing

Individual Resource Detail Information

<i>Resource Type.</i>	Single Dwelling	<i>Primary Resource?</i>	Yes
<i>Date of Construction:</i>	1959 {Local Records, Tax}	<i>Accessed?</i>	No Not accessible
<i>Architectural Style:</i>	Ranch	<i>Number of Stories:</i>	1.0
<i>Form:</i>		<i>Condition:</i>	Fair
<i>Interior Plan Type:</i>			

Threats to Resource: Development

May 2007: The house is brick-veneer, one-story, with a side-gable asbestos shingle-clad roof, vinyl windows, and no distinctive architectural elements. A front porch spans 2/3 of the facade. A brick chimney pierces the roof ridge.

**Virginia Department of Historic Resources
Reconnaissance Level Survey**

DHR ID#: 047-5302

Other DHR ID#:

Primary Resource Exterior Component Description:

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Porch	Porch - Hood/Overhang	Wood	Porch - Posts
Structural System	Structural System - Frame	Brick	Structural System - Veneer
Foundation	Foundation - Not Visible	Unknown	Foundation - Not Visible
Windows	Windows - Sash, Double-Hung	Vinyl	Windows - Multiple-light
Chimneys	Chimneys - Central interior	Brick	other
Roof	Roof - Gable, Side	Asbestos	Roof - Shingle

Historic Time Period(s): S- The New Dominion (1946- Present)

Historic Context(s): Domestic

Significance Statement

May 2007: This house was built in 1959. It is in fair condition and presents no significant architectural elements. Due to the fact that it is not at least 50 years of age, it cannot be considered for listing in the NRHP.

National Register Eligibility Information (Intensive Level Survey):

National Register Criteria:

Period of Significance:

Level of Significance:

Graphic Media Documentation

<u>DHR Negative #</u>	<u>Photographic Media</u>	<u>Negative Repository</u>	<u>Photo Date</u>	<u>Photographer</u>
	B&W Print	JRIA	May 31, 2007	Rob Haas

Bibliographic Documentation

Reference #: 1

Bibliographic RecordType: Report

Author: JRIA, Inc.

DHR CRM Report Number: 2007-0865

Notes:

JC-264: Phase I Cultural Resources Survey of 17.3 Acres for the Proposed Burlington Woods Property in James City County, Virginia
June 2007

Prepared By: Thomas Higgins, M.A., Garrett Fesler, Ph.D., Matthew Laird, Ph.D., Rob Haas, M.A. Candidate
James River Institute for Archaeology, Inc.

Cultural Resource Management (CRM) Events

CRM Event # 1,

Cultural Resource Management Event: Survey:Phase I/Reconnaissance

Date of CRM Event: May 2007

CRM Person: JRIA

VDHR Project ID # Associated with Event: 2007-0865

CRM Event Notes or Comments:

**Virginia Department of Historic Resources
Reconnaissance Level Survey**

DHR ID#: 047-5302

Other DHR ID#:

CRM Event # 2,

Cultural Resource Management Event:

DHR Staff: Not Eligible

Date of CRM Event:

January 08, 2008

CRM Person:

Ethel R. Eaton

VDHR Project ID # Associated with Event:

2007-0865

CRM Event Notes or Comments:

VDHR concurs with JRIA's recommendation that the resource is not eligible for inclusion in the National Register of Historic Places due to its recent construction date (1959).

Bridge Information

Cemetery Information

Ownership Information

Name: Unknown Unknown
Company: Tidewater Partners Property & Development, LLC
Address: 3604 Tano Court
City: Phoenix
Zip: 85044 *State:* Arizona *Country:* USA
Relation to the Property: Owner of property

**Virginia Department of Historic Resources
Reconnaissance Level Survey**

DHR ID#: 047-0072

Other DHR ID#:

Resource Information

Resource Name(s): Longhill Road Site {Historic}

Date of Construction: ca 1800

Local Historic District :

Location of Resource

Commonwealth of Virginia

County/Independent City: James City

Magisterial District:

Town/Village/Hamlet: Williamsburg

Tax Parcel:

Zip Code:

Address(s): Longhill Road {Current}

USGS Quadrangle Name: NORGE

UTM Boundary Coordinates :

NAD

Zone

Easting

Northing

UTM Center coordinates :

UTM Data Restricted?.

National Register Eligibility Status

Property has been recommended Not Eligible for listing

Resource Description

Ownership Status:

Government Agency Owner:

Acreage:

Surrounding area:

Open to Public: No

Site Description:

Secondary Resource Summary:

Individual Resource Information

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Archaeological Site	Contributing

Individual Resource Detail Information

<u>Resource Type.</u>	Archaeological Site	<u>Primary Resource?</u>	Yes
<u>Date of Construction:</u>	ca 1800 {Site Visit}	<u>Accessed?</u>	
<u>Architectural Style:</u>		<u>Number of Stories:</u>	0.0
<u>Form:</u>		<u>Condition:</u>	
<u>Interior Plan Type:</u>			

Threats to Resource:

Architecture Summary: Dr. Barka excavated a cemetery in May 1971. Five graves (12 more were estimated present) were moved to another location in September. Very near the rebuirla spot is a deep pit, perhpas 10 feet across which the construction worked said was a mash pit. It seemed too deep to be icehouse remains. End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

Primary Resource Exterior Component Description:

**Virginia Department of Historic Resources
Reconnaissance Level Survey**

DHR ID#: 047-0072

Other DHR ID#:

Historic Context(s):

Domestic

Significance Statement

National Register Eligibility Information (Intensive Level Survey):

National Register Criteria:

Period of Significance:

Level of Significance:

Graphic Media Documentation

<i>DHR Negative #</i>	<i>Photographic Media</i>	<i>Negative Repository</i>	<i>Photo Date</i>	<i>Photographer</i>
	B&W 35mm Photos		October 11, 1971	

Bibliographic Documentation

Cultural Resource Management (CRM) Events

CRM Event # 1,

Cultural Resource Management Event:

Survey:Phase I/Reconnaissance

Date of CRM Event:

October 11, 1971

CRM Person:

R. Perry

CRM Event Notes or Comments:

Archaeological Site Report.

Bridge Information

Cemetery Information

Ownership Information

US Environmental Protection Agency (EPA)

Facility Registry System (FRS)

Detailed Facility Reports



Envirofacts

FRS Facility Detail Report

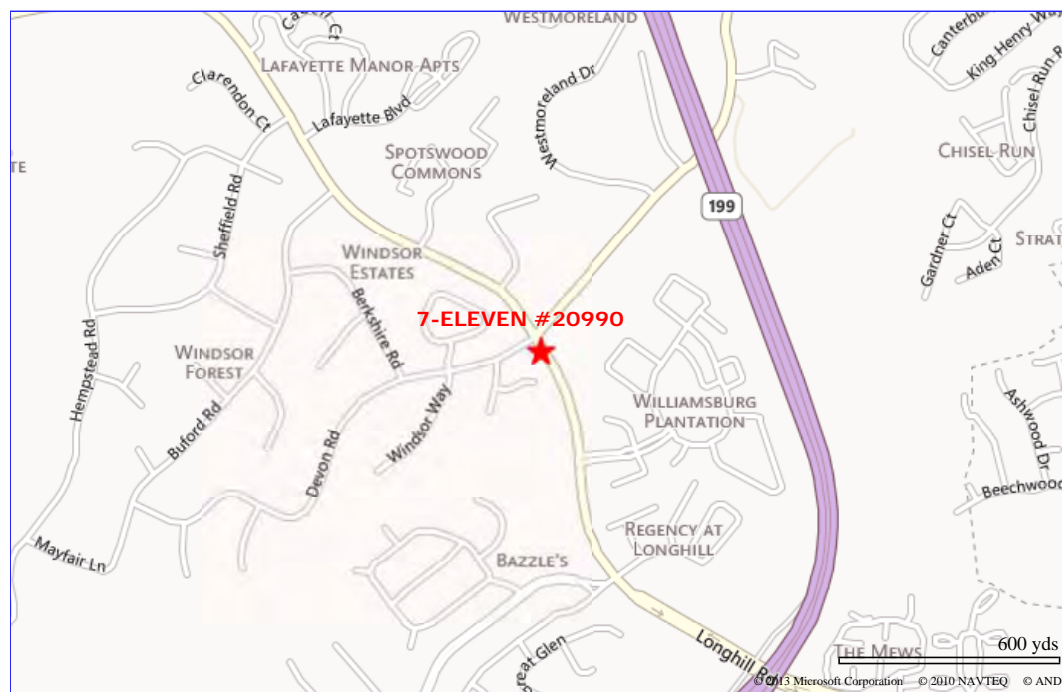


7-ELEVEN #20990

4840 LONGHILL RD
WILLIAMSBURG, VA 23188-1571
[EPA Registry Id: 110006456913](#)

Facility Registry Service Links

- Search
- [FRS Facility Query](#)
- [FRS EZ Search](#)
- [Organization Search](#)
- [FRS Physical Data Model](#)
- [FRS Geospatial Model](#)
- [Contact Us](#)
- [Facility Registry Service \(FRS\)](#)
- [Home](#)



Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interest
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	VAD988191466	SQG (Y)	RCRAINFO	09/15/2000	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

Facility Codes and Flags

EPA Region:	Duns Number:	Congressional District Number:	Legislative District Number:	HUC Code/Watershed:	US Mexico Border Indicator:	Federal Facility:	Tribal Land:	Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
03		01	6	02080206 / LOWER JAMES		NO	NO	REGULATORY CONTACT	4840 LONGHILL RD	WILLIAMSBURG	VA	23185	RCRAINFO
								FACILITY MAILING ADDRESS	REFLECTIONS III SUITE 400	VIRGINIA BEACH	VA	23452	RCRAINFO
								OWNER	REFLECTIONS III STE 400	VIRGINIA BEACH	VA	23452	RCRAINFO

Alternative Names

Alternative Name	Source of Data	Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
7-ELEVEN #20990	RCRAINFO	REGULATORY CONTACT	GARRY BLAIR	8044984711	RCRAINFO	View

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	SOUTHLAND CORPORATION THE		RCRAINFO	View

Query executed on: AUG-09-2013



Enforcement & Compliance History Online (ECHO)

You are here: [EPA Home](#) » [Compliance and Enforcement](#) » [ECHO](#) » [Search Data](#) » Search Results

Detailed Facility Report


[Report Error](#)
[Data Dictionary](#)

For Public Release - Unrestricted Dissemination Report Generated on 08/09/2013
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

[Data Dictionary](#)

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110006456913	7-ELEVEN #20990	4840 LONGHILL RD	WILLIAMSBURG	VA	23188
RCRA	RCR	VAD988191466	7-ELEVEN #20990	4840 LONGHILL RD	WILLIAMSBURG	VA	23185

Facility Characteristics

[Data Dictionary](#)

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110006456913					LRT: 37.306300 , -76.751830	No		
RCRA	VAD988191466	SQG	Active (H)				No		

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

[Data Dictionary](#)

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
RCRA	VAD988191466	0	Never	0	\$00

Compliance Monitoring History (05 years)

[Data Dictionary](#)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
- No data records returned.						

Entries in *italics* are not considered inspections in official counts.

Compliance Summary Data

[Data Dictionary](#)

Information on the nature of [alleged violations](#) is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
RCRA	VAD988191466	No		07/09/2013	0

Three Year Compliance Status by Quarter

[Data Dictionary](#)

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of [alleged violations](#) is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

RCRA Compliance Status

Statute:Source ID RCRA: VAD988191466		QTR1 Oct- Dec10	QTR2 Jan- Mar11	QTR3 Apr- Jun11	QTR4 Jul- Sep11	QTR5 Oct- Dec11	QTR6 Jan- Mar12	QTR7 Apr- Jun12	QTR8 Jul- Sep12	QTR9 Oct- Dec12	QTR10 Jan- Mar13	QTR11 Apr- Jun13	QTR12 Jul- Sep13
Facility Level Status													
Type of Violation	Agency												

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date
- No data records returned.				

Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
- No data records returned.						

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

Data Dictionary

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
- No data records returned.										

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

TRI History of Reported Chemicals Released in Pounds per Year at Site:

Data Dictionary

Year /	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
- No data records returned.							

TRI Total Releases and Transfers by Chemical and Year

- No data records returned.

Demographic Profile of Surrounding Area (3 Miles)

Data Dictionary

Open more detailed information in a new window (links leave ECHO): [1 Mi3 Mi](#) or [5 Mi](#).

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA [Locational Reference Table\(LRT\)](#) when available.

Radius of Area:	3 Miles	Land Area:	97.81%	Households in area:	7,382
Center Latitude:	37.300824	Water Area:	2.19%	Housing units in area:	7,889
Center Longitude:	-76.749278	Population Density:	767.16/sq. mi.	Households On Public Assistance:	128
Total Persons:	21,212	Percent Minority:	22.72%	Persons Below Poverty Level:	1,698

Race Breakdown	Persons (%)	Age Breakdown:	Persons (%)
White:	16,643 (78.46%)	Child 5 years and less:	1,167 (5.50%)

African-american:	3,404 (16.05%)	Minors 17 years and younger:	3,806 (17.94%)
Hispanic-Origin:	450 (2.12%)	Adults 18 years and older:	17,407 (82.06%)
Asian/Pacific Islander:	605 (2.85%)	Seniors 65 years and older:	3,259 (15.36%)
American Indian:	127 (0.60%)		
Other/Multiracial:	166 (0.78%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown:	Households (%)
Less than 9th grade:	419 (3.49%)	Less than \$15,000:	963 (13.05%)
9th-12th grades:	1,102 (9.17%)	\$15,000-\$25,000:	782 (10.59%)
High School Diploma:	2,542 (21.15%)	\$25,000-\$50,000:	2,174 (29.45%)
Some College/2-yr:	2,829 (23.54%)	\$50,000-\$75,000:	1,457 (19.74%)
B.S./B.A. or more:	5,126 (42.65%)	Greater than \$75,000:	1,950 (26.42%)

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: RCRAInfo: 07/09/2013. FRS: 07/15/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

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Envirofacts

FRS Facility Detail Report



LAFAYETTE HIGH

4460 LONGHILL RD
WILLIAMSBURG, VA 23188
EPA Registry Id: 110021488852

Facility Registry Service Links

- Search
- [FRS Facility Query](#)
- [FRS EZ Search](#)
- [Organization Search](#)
- [FRS Physical Data Model](#)
- [FRS Geospatial Model](#)
- [Contact Us](#)
- [Facility Registry Service \(FRS\) Home](#)



Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interest
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	VAP000016799	UNSPECIFIED UNIVERSE (N)	RCRAINFO	01/04/2011	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

Facility Codes and Flags

EPA Region:	03
Duns Number:	
Congressional District Number:	01
Legislative District Number:	
HUC Code/Watershed:	02080206 / LOWER JAMES
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Alternative Names

Alternative Name	Source of Data
LAFAYETTE HIGH SCHOOL	RCRAINFO

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	WILLIAMSBURG-JAMES CITY COUNTY PUBLIC SC		RCRAINFO	View

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER	PO BOX 8783	WILLIAMSBURG	VA	23187	RCRAINFO
REGULATORY CONTACT	597 JOLLY POND ROAD	WILLIAMSBURG	VA	23188	RCRAINFO
FACILITY MAILING ADDRESS	597 JOLLY POND ROAD	WILLIAMSBURG	VA	23188	RCRAINFO

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	ALAN ROBERTSON	7572597157	RCRAINFO	View



Enforcement & Compliance History Online (ECHO)

You are here: [EPA Home](#) » [Compliance and Enforcement](#) » [ECHO](#) » [Search Data](#) » Search Results

Detailed Facility Report


[Report Error](#)
[Data Dictionary](#)

For Public Release - Unrestricted Dissemination Report Generated on 08/09/2013
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

[Data Dictionary](#)

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110021488852	LAFAYETTE HIGH	4460 LONGHILL RD	WILLIAMSBURG	VA	23188
RCRA	RCR	VAP000016799	LAFAYETTE HIGH SCHOOL	4460 LONGHILL ROAD	WILLIAMSBURG	VA	23188

Facility Characteristics

[Data Dictionary](#)

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/Longitude	Indian Country?	SIC Codes	NAICS Codes
	110021488852					LRT: 37.314450 , -76.763670	No		
RCRA	VAP000016799		Inactive				No		

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

[Data Dictionary](#)

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
RCRA	VAP000016799	0	Never	0	\$00

Compliance Monitoring History (05 years)

[Data Dictionary](#)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
- No data records returned.						

Entries in *italics* are not considered inspections in official counts.

Compliance Summary Data

[Data Dictionary](#)

Information on the nature of [alleged violations](#) is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
RCRA	VAP000016799	No		07/09/2013	0

Three Year Compliance Status by Quarter

[Data Dictionary](#)

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of [alleged violations](#) is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

RCRA Compliance Status

Statute:Source ID RCRA: VAP000016799		QTR1 Oct- Dec10	QTR2 Jan- Mar11	QTR3 Apr- Jun11	QTR4 Jul- Sep11	QTR5 Oct- Dec11	QTR6 Jan- Mar12	QTR7 Apr- Jun12	QTR8 Jul- Sep12	QTR9 Oct- Dec12	QTR10 Jan- Mar13	QTR11 Apr- Jun13	QTR12 Jul- Sep13
Facility Level Status													
Type of Violation	Agency												

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Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

[Data Dictionary](#)

Statute	Source ID	Type of Action	Lead Agency	Date	
- No data records returned.					

Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

[Data Dictionary](#)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description	
- No data records returned.							

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

[Data Dictionary](#)

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost	
- No data records returned.											

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

TRI History of Reported Chemicals Released in Pounds per Year at Site:

[Data Dictionary](#)

Year /	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers	
- No data records returned.								

TRI Total Releases and Transfers by Chemical and Year

- No data records returned.

Demographic Profile of Surrounding Area (3 Miles)

[Data Dictionary](#)

Radius of Area:	N/A	Land Area:	N/A	Households in area:	N/A
- No data records returned.					

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: RCRAInfo: 07/09/2013. FRS: 07/15/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

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Memorandum

To: District Construction Engineer
iPM Project Manager

Project Number: 0612-047-620, P101
UPC Number: 98811
iPM Project Description: Longhill Rd Corridor Study
Date of Review: 7/16/13
Reviewer: David F. Joyner

ENVIRONMENTAL CERTIFICATION/COMMITMENTS CHECKLIST

1. SERP complete?
☐ Yes ☐ No ☐ Exempt ☒ Not Required
Data Source: VDOT Hampton Roads District (HRD) - Environmental Staff
Comments: SERP not required for federally funded or eligible projects.

2. NEPA complete?
☒ Yes ☐ No ☐ No Federal Action
Data Source: VDOT HRD – Environmental Staff
Comments: Project meets criteria for a Blanket Categorical Exclusion under Category 6.

If yes, provide document type: BCE

3. Water quality permits required?
☐ Yes ☒ No
Data Source: VDOT HRD – Water Quality Staff
Comments: No permits required.
If yes, provide permit types:

If yes, have all water quality permits been obtained?
☐ Yes ☐ No
Comments:

4. Cultural resources clear for advertisement?
☒ Yes ☐ No
Data Source: VDOT HRD – Cultural Resource Staff
Comments:

5. Hazardous materials clear for advertisement?
☒ Yes ☐ No
Data Source: VDOT HRD – Hazardous Materials Staff

6. Threatened and endangered species clear for advertisement?

☒ Yes ☐ No

Data Source: VDOT HRD – Water Quality Staff

Comments:

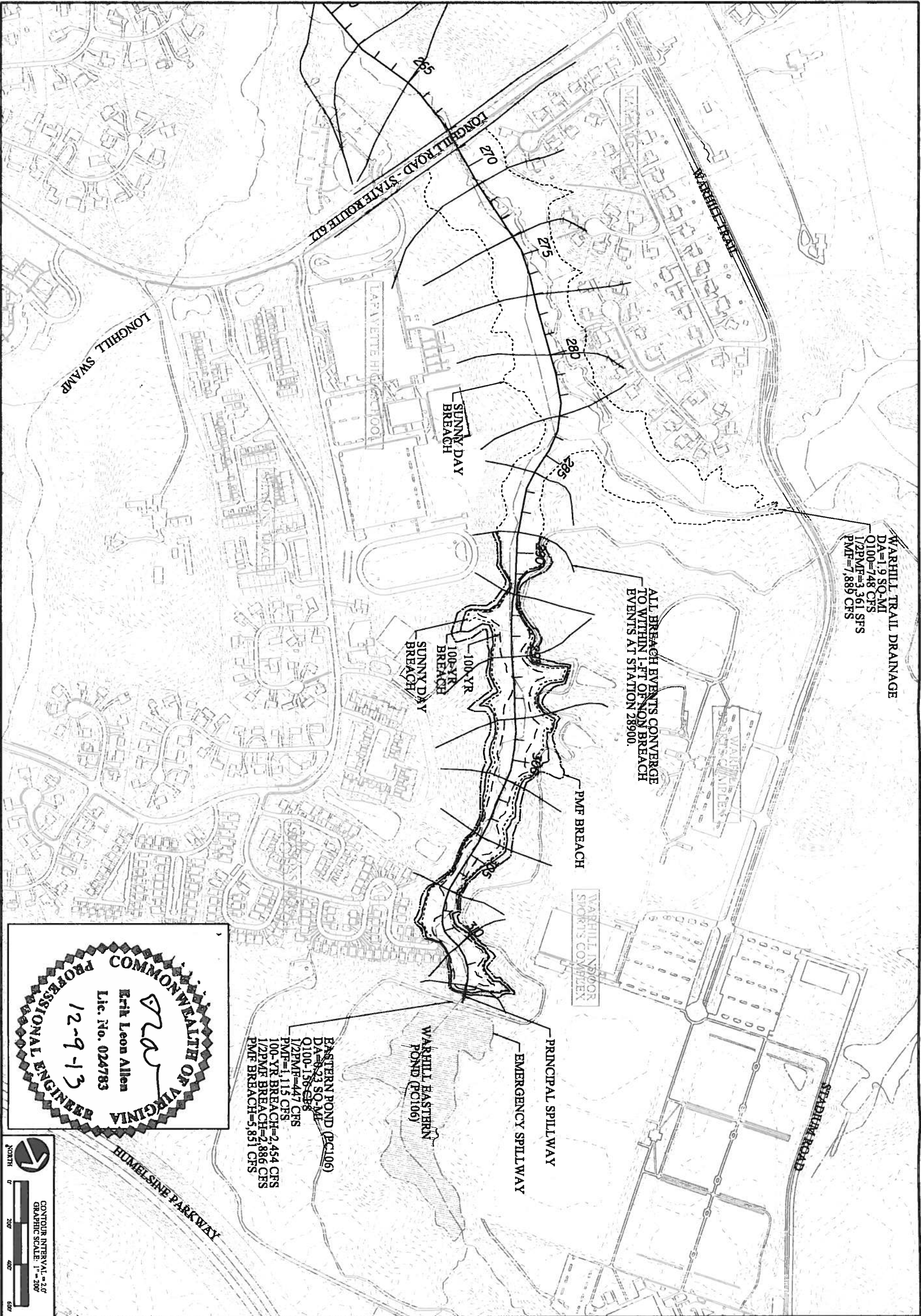
THERE ARE NO ENVIRONMENTAL COMMITMENTS ATTACHED THAT MUST BE ADHERED TO DURING CONSTRUCTION. THESE COMMITMENTS REPRESENT ANY CONDITION OF A LEGAL OR REGULATORY APPROVAL, OR ANY CONDITION THAT VDOT VOLUNTARILY ACCEPTS OR OFFERS SUCH AS THE CURRENT VDOT ROAD AND BRIDGE SPECIFICATIONS, TO OBTAIN LEGAL OR REGULATORY APPROVAL OR MEET A LEGAL OR REGULATORY REQUIREMENT.

Signature on file
District Environmental Manager

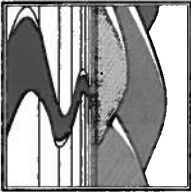
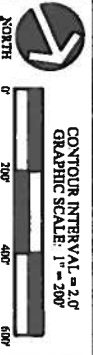
7/16/13
Date

Copy To:

District Programs Manager
Programming Division
District Location and Design Engineer
District Preliminary Engineering Manager
District Bridge Engineer (as appropriate)
District Maintenance Engineer (as appropriate)
Residency Administrator (as appropriate)
FHWA NEPA Contact (Federal Aid Projects)
FHWA Area Engineer (Federal Aid Project)



COMMONWEALTH OF VIRGINIA
Erik Leon Allen
Lic. No. 024783
12-9-13
PROFESSIONAL ENGINEER



WATERSHED
CONSULTING, PLLC

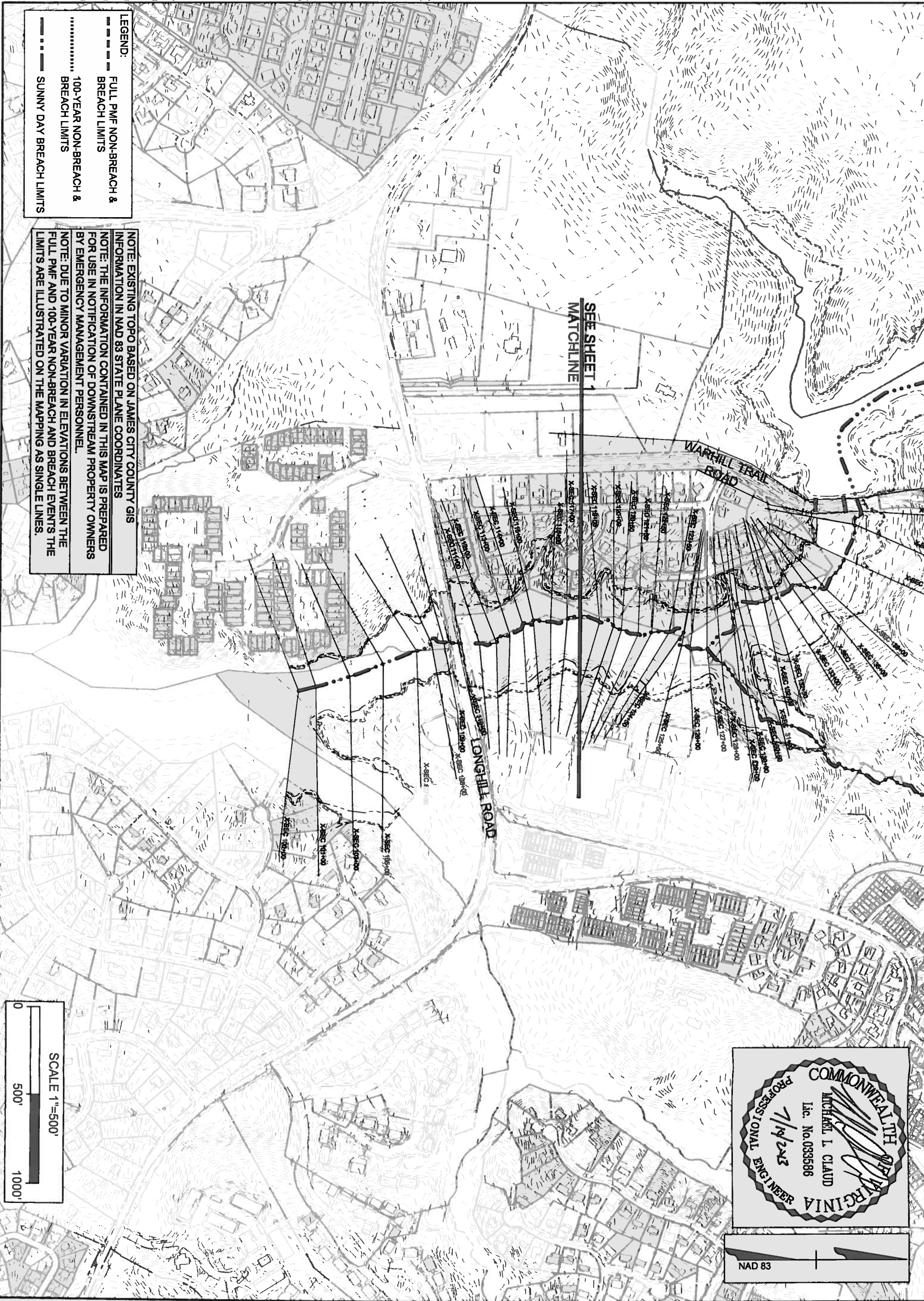
P.O. Box 7716
Richmond, VA 23221
(804) 745-4321
www.watershedva.com

WARHILL LAKE
BREACH LIMITS
TO CONVERGENCE

JAMES CITY COUNTY, VIRGINIA

PROJECT MANAGER	EA
DESIGNED	EA
DRAWN	SK
DESIGN FILE	warhill_lake
DATE	4/18/14
REVISIONS:	

FIGURE 3



LEGEND:

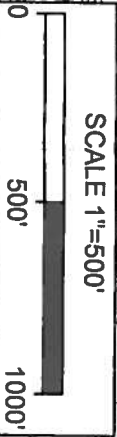
- FULL PMF NON-BREACH & BREACH LIMITS
- 100-YEAR NON-BREACH & BREACH LIMITS
- SUNNY DAY BREACH LIMITS

NOTE: EXISTING TOPO BASED ON JAMES CITY COUNTY GIS INFORMATION IN NAD 83 STATE PLANE COORDINATES

NOTE: THE INFORMATION CONTAINED IN THIS MAP IS PREPARED FOR USE IN NOTIFICATION OF DOWNSTREAM PROPERTY OWNERS BY EMERGENCY MANAGEMENT PERSONNEL.

NOTE: DUE TO MINOR VARIATION IN ELEVATIONS BETWEEN THE FULL PMF AND 100-YEAR NON-BREACH AND BREACH EVENTS THE LIMITS ARE ILLUSTRATED ON THE MAPPING AS SINGLE LINES.

SCALE 1"=500'



NAD 83

TIMMONS GROUP

YOUR VISION ACHIEVED THROUGH OURS.

THIS DRAWING PREPARED AT THE
Corporate Headquarters
1001 Boulders Parkway | Richmond, VA 23225
TEL 804.200.6500 FAX 804.560.1016 www.timmons.com

WESTERN POND DAM (PC105) FAILURE ANALYSIS
JAMES CITY COUNTY, VIRGINIA
RESERVOIR #2 DAM INUNDATION MAP - IDA

SHEET NO.
2

JOB NO.
33574

SCALE
1" = 500'

CHECKED BY
M. CLAUD

DESIGNED BY
D. WILMOTH

DRAWN BY
T. MARKS

DATE
7-8-2013

DATE	REVISION DESCRIPTION

Project Information

Project Number:	0612-047-620, P101	UPC:	98811
Project Name:			
Route Number:	612		
Project Limit - From:	Centerville Rd	To:	Route 199
District	City/County	Residency	
Hampton Roads	James City	Williamsburg	
IPM Project Description:	Longhill Rd Corridor Study		
Additional Project Description:	Longhill Rd Corridor Study		

Reevaluation Type / Reviewers

NEPA Document Approval Date:		FHWA Contact:	Lopez-Cruz, Marisel
NEPA Document Type:	BCE		
Project Manager:	Bruce.Vana	Environmental POC:	Stuck, Kenneth E.

Reevaluation Questions

- 1.) Is the current project design, right of way limits and/or scope within the study area evaluated in the most recently approved environmental document? Y

Comments:
- 2.) Has the project design complied with all environmental commitments or conditions identified during project development? Y

Comments:
- 3.) Project limits in environmental document:

From:	Centerville Rd	To:	Route 199
Project limits proposed on current plan:			
From:	Centerville Rd	To:	Route 199

Are the project limits consistent? Y

Comments:

4.) Have any project design or scope changes outside the original project extent or limits been added or removed from the project? N

Description:

5.) Was a noise analysis required for the environmental document?

Noise Scoping Decision:

Comments: Noise analysis not required.

The Virginia Department of Transportation has reevaluated the approved environmental document in conjunction with the proposed project limits and found the NEPA decision document remains valid. The intent of this reevaluation was to assess any changes to the scope of the project, rather than consider specific design elements. This reevaluation satisfies the requirements in 23 CFR 771.129.